

MAHARANA BHUPAL
COLLEGE,
UDAIPUR.

25051

Class No.....

Book No.....

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, UNITED PROVINCES

CALENDAR

for the year
1923-1924



Published under the Authority of
The Board of High School and Intermediate Education,
United Provinces, Allahabad
1924

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BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, UNITED PROVINCES

CALENDAR

for the year

1923-1924



ALLAHABAD:

PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS, UNITED PROVINCES

1924

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BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, UNITED PROVINCES

ALMANAC

JANUARY, 1923—DECEMBER, 1924

JANUARY, 1923.

1	Mon.	
2	Tues.	
3	Wed.	
4	Thur.	
5	Fri.	
6	Sat.	
7	Sun.	The Intermediate Education Act, 1921. was published under section 81 of the Government of India Act (1922).
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	Sun.	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	Sun.	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	Sun.	
29	Mon.	
30	Tues.	
31	Wed.	

FEBRUARY, 1923

1	Thur	The Regulations of the Board of High School and Intermediate Education, United Provinces, came into force
2	Fri	
3	Sat	
4	Sun	
5	Mon.	
6	Tues.	
7	Wed	
8	Thur	
9	Fri	
10	Sat.	
11	Sun	
12	Mon.	
13	Tues	
14	Wed.	
15	Thur	
16	Fri.	
17	Sat	
18	Sun.	The first ordinary Meetings of Committees appointed by the Board Meeting of the Board
19	Mon	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	
24	Sat.	
25	Sun	
26	Mon.	
27	Tues	
28	Wed	

MARCH, 1923.

1	Thur.	
2	Fri.	
3	Sat.	
4	Sun.	
5	Mon.	
6	Tues.	
7	Wed.	
8	Thur.	
9	Fri.	
10	Sat.	
11	Sun.	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur.	
16	Fri.	
17	Sat.	
18	Sun.	
19	Mon.	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	
24	Sat.	
25	Sun.	
26	Mon.	
27	Tues.	
28	Wed.	
29	Thur.	
30	Fri.	
31	Sat.	

APRIL, 1923.

1	Sun	Establishment of the Board of High School and Intermediate Education United Provinces, (1922). S L C Examination of 1923 commenced
2	Mon	
3	Tues	
4	Wed	
5	Thur.	
6	Fri	
7	Sat.	
8	Sun	} The P Sc, M B, B.S Examination of 1923 was held.
9	Mon	
10	Tues	
11	Wed	
12	Thur	
13	Fri	
14	Sat.	
15	Sun	
16	Mon	
17	Tues	
18	Wed	
19	Thur	
20	Fri	
21	Sat	
22	Sun	Inaugural Meeting of the Board, (1922)
23	Mon	
24	Tues	
25	Wed	
26	Thur	
27	Fri.	
28	Sat.	
29	Sun	
30	Mon	

MAY, 1923.

1	Tues.
2	Wed.
3	Thur.
4	Fri.
5	Sat.

6	Sun.
7	Mon.
8	Tues.
9	Wed.
10	Thur.
11	Fri.
12	Sat.

13	Sun.
14	Mon.
15	Tues.
16	Wed.
17	Thur.
18	Fri.
19	Sat.

20	Sun.
21	Mon.
22	Tues.
23	Wed.
24	Thur.
25	Fri.
26	Sat.

27	Sun.
28	Mon.
29	Tues.
30	Wed.
31	Thur.

JUNE, 1923.

1	Fri	
2	Sat.	
3	Sun	
4	Mon	
5	Tues	
6	Wed	
7	Thur	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tues.	
13	Wed	
14	Thur	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tues	
20	Wed	
21	Thur	
22	Fri.	
23	Sat	
24	Sun	
25	Mon	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri	
30	Sat.	

MAY, 1923.

1	Tues.	
2	Wed.	
3	Thur.	
4	Fri.	
5	Sat.	
6	Sun.	
7	Mon.	
8	Tues.	
9	Wed.	
10	Thur.	
11	Fri.	
12	Sat.	
13	Sun.	
14	Mon.	
15	Tues.	
16	Wed.	
17	Thur.	
18	Fri.	
19	Sat.	
20	Sun.	
21	Mon.	
22	Tues.	
23	Wed.	
24	Thur.	
25	Fri.	
26	Sat.	
27	Sun.	
28	Mon.	
29	Tues.	
30	Wed.	
31	Thur.	

JUNE, 1923

1	Fri
2	Sat.

3	Sun
4	Mon
5	Tues
6	Wed
7	Thur
8	Fri
9	Sat

10	Sun
11	Mon
12	Tues
13	Wed
14	Thur
15	Fri
16	Sat

17	Sun
18	Mon
19	Tues
20	Wed
21	Thur
22	Fri
23	Sat

24	Sun
25	Mon
26	Tues
27	Wed
28	Thur
29	Fri
30	Sat.

JULY, 1923.

1	Sun.	
2	Mon.	
3	Tues.	
4	Wed.	
5	Thur.	
6	Fri.	
7	Sat.	
8	Sun.	
9	Mon.	
10	Tues.	
11	Wed.	
12	Thur.	
13	Fri.	
14	Sat.	
15	Sun.	
16	Mon.	
17	Tues.	
18	Wed.	
19	Thur.	
20	Fri.	
21	Sat.	
22	Sun.	
23	Mon.	
24	Tues.	
25	Wed.	
26	Thur.	
27	Fri.	
28	Sat.	
29	Sun.	
30	Mon.	
31	Tues.	

SEPTEMBER, 1923.

1 Sat.

2 Sun.

3 Mon.

4 Tues.

5 Wed.

6 Thur.

7 Fri.

8 Sat.

9 Sun.

10 Mon.

11 Tues.

12 Wed.

13 Thur.

14 Fri.

15 Sat.

16 Sun.

17 Mon.

18 Tues.

19 Wed.

20 Thur.

21 Fri.

22 Sat.

23 Sun.

24 Mon.

25 Tues.

26 Wed.

27 Thur.

28 Fri.

29 Sat.

30 Sun.

The Intermediate Education Act, 1921, received the assent of the Governor of the United Provinces (1921)

OCTOBER, 1923.

1	Mon.	<i>Last date of receiving applications from intending private candidates for the High School (Metric Model), Intermediate and Commercial Diploma Examinations of 1924</i>
2	Tues	
3	Wed.	
4	Thur	
5	Fri.	
6	Sat.	
7	Sun	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur	
12	Fri.	
13	Sat.	
14	Sun	<i>Last date of receiving applications for the High School Examination of 1924 (S-L O model).</i>
15	Mon	
16	Tues	
17	Wed	
18	Thur.	
19	Fri	
20	Sa	
21	Sun.	
22	Mon	
23	Tues	
24	Wed.	
25	Thur	
26	Fri	
27	Sat.	
28	Sun	
29	Mon.	
30	Tues.	
31	Wed.	

NOVEMBER, 1923.

1 Thur.
2 Fri.
3 Sat.

4 Sun.
5 Mon.
6 Tues.
7 Wed.
8 Thur.
9 Fri.
10 Sat.

11 Sun.
12 Mon.
13 Tues.
14 Wed.
15 Thur.
16 Fri.
17 Sat.

18 Sun.
19 Mon.
20 Tues.
21 Wed.
22 Thur.
23 Fri.
24 Sat.

25 Sun.
26 Mon.
27 Tues.
28 Wed.
29 Thur.
30 Fri.

} Meetings of Committees appointed by the Board.
Annual meeting of the Board.

DECEMBER, 1923

1	Sat.	Adjourned meeting of the Board.
---	------	---------------------------------

2	Sun	
3	Mon	
4	Tues.	
5	Wed	
6	Thur.	
7	Fri	
8	Sat.	

9	Sun.	The Intermediate Education Act 1921, received the assent of the Governor General, (1921).
10	Mon.	
11	Tues	
12	Wed.	
13	Thur.	
14	Fri.	
15	Sat.	

16	Sun.	
17	Mon	
18	Tues.	
19	Wed.	
20	Thur.	
21	Fri.	
22	Sat.	

23	Sun.	
24	Mon	
25	Tues	
26	Wed	
27	Thur	
28	Fri	
29	Sat.	

30	Sun	
31	Mon.	

JANUARY, 1924.

1 Tues.
2 Wed.
3 Thur.
4 Fri.
5 Sat.

6 Sun.
7 Mon.
8 Tues.
9 Wed.
10 Thur.
11 Fri.
12 Sat.

13 Sun.
14 Mon.
15 Tues.
16 Wed.
17 Thur.
18 Fri.
19 Sat.

20 Sun.
21 Mon.
22 Tues.
23 Wed.
24 Thur.
25 Fri.
26 Sat.

27 Sun.
28 Mon.
29 Tues.
30 Wed.
31 Thur.

FEBRUARY, 1924.

1	Fri.	
2	Sat.	
3	Sun.	
4	Mon.	
5	Tues.	
6	Wed.	
7	Thur.	
8	Fri.	
9	Sat.	
10	Sun.	
11	Mon.	
12	Tues.	
13	Wed.	
14	Thur.	
15	Fri.	
16	Sat.	
17	Sun.	Meetings of the Committees appointed by the Board. Meeting of the Board.
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	Sun.	
25	Mon.	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri.	

JANUARY, 1924.

1	Tues.
2	Wed.
3	Thur.
4	Fri.
5	Sat.

6	Sun.
7	Mon.
8	Tues.
9	Wed.
10	Thur.
11	Fri.
12	Sat.

13	Sun.
14	Mon.
15	Tues.
16	Wed.
17	Thur.
18	Fri.
19	Sat.

20	Sun.
21	Mon.
22	Tues.
23	Wed.
24	Thur.
25	Fri.
26	Sat.

27	Sun.
28	Mon.
29	Tues.
30	Wed.
31	Thur.

FEBRUARY 1924

1	1 Fri	
2	2 Sat	
3	3 Sun	
4	4 Mon	
5	5 Tues	
6	6 Wed	
7	7 Thur	
8	8 Fri	
9	9 Sat	
10	10 Sun	
11	11 Mon	
12	12 Tues.	
13	13 Wed	
14	14 Thur	
15	15 Fri	
16	16 Sat	
17	17 Sun	} Meetings of the Committees appointed by the Board
18	18 Mon	
19	19 Tues	
20	20 Wed	
21	21 Thur	
22	22 Fri	} Meeting of the Board
23	23 Sat	
24	24 Sun.	
25	25 Mon.	
26	26 Tues	
27	27 Wed	
28	28 Thur	
29	29 Fri	

MAY, 1924.

1	Thur.	
2	Fri.	
3	Sat.	
4	Sun.	
5	Mon.	
6	Tues.	
7	Wed.	
8	Thur.	
9	Fri.	
10	Sat.	
11	Sun	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur.	
16	Fri.	
17	Sat.	
18	Sun.	
19	Mon.	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	
24	Sat.	
25	Sun.	
26	Mon.	
27	Tues.	
28	Wed.	
29	Thur	
30	Fri.	
31	Sat.	

JUNE, 1924

1	Sun	
2	Mon	
3	Tues	
4	Wed	
5	Thur	
6	Fri	
7	Sat	
8	Sun	
9	Mon	
10	Tues	
11	Wed	
12	Thur	
13	Fri	
14	Sat.	
15	Sun	
16	Mon	
17	Tues	
18	Wed	
19	Thur	
20	Fri.	
21	Sat	
22	Sun.	
23	Mon	
24	Tues	
25	Wed	
26	Thur	
27	Fri	
28	Sat	
29	Sun	
30	Mon.	

JULY, 1924.

1	Tues.	
2	Wed.	
3	Thur.	
4	Fri.	
5	Sat.	
6	Sun.	
7	Mon.	
8	Tues.	
9	Wed.	
10	Thur.	
11	Fri.	
12	Sat.	
13	Sun.	
14	Mon.	
15	Tues.	
16	Wed.	
17	Thur.	
18	Fri.	
19	Sat.	
20	Sun.	
21	Mon.	
22	Tues.	
23	Wed.	
24	Thur.	
25	Fri.	
26	Sat.	
27	Sun.	
28	Mon.	
29	Tues.	
30	Wed.	
31	Thur.	

AUGUST, 1924.

1	Fri.	
2	Sat.	
3	Sun.	
4	Mon.	
5	Tues.	
6	Wed.	
7	Thur.	
8	Fri.	
9	Sat.	
10	Sun.	
11	Mon.	
12	Tues.	
13	Wed.	
14	Thur.	
15	Fri.	
16	Sat.	
17	Sun.	
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	Sun.	
25	Mon.	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri.	
30	Sat.	
31	Sun.	

SEPTEMBER, 1924.

1	Mon.	
2	Tues.	
3	Wed.	
4	Thur.	
5	Fri.	
6	Sat.	
7	Sun.	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	Sun.	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	Sun.	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	Sun.	
29	Mon.	
30	Tues.	

DECEMBER, 1924.

1	Mon
2	Tues.
3	Wed.
4	Thur.
5	Fri.
6	Sat.

7	Sun.
8	Mon.
9	Tues.
10	Wed
11	Thur
12	Fri
13	Sat.

14	Sun
15	Mon.
16	Tues.
17	Wed.
18	Thur
19	Fri.
20	Sat

21	Sun
22	Mon.
23	Tues.
24	Wed.
25	Thur.
26	Fri.
27	Sat.

28	Sun.
29	Mon
30	Tues.
31	Wed.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES.

THE INTERMEDIATE EDUCATION ACT, 1921.

UNITED PROVINCES ACT No. II OF 1921.

[PASSED BY THE LOCAL LEGISLATURE OF THE UNITED
PROVINCES OF AGRA AND OUDH.]

*Received the assent of the Governor of the United Provinces
of Agra and Oudh on the 30th September, 1921, and of
the Governor General on the 10th December, 1921, and
was published under section 81 of the Government of
India Act on the 7th January, 1922.*

An Act for the establishment of a Board of High School
and Intermediate Education.

WHEREAS it is expedient to establish a Board to
take the place of the Allahabad University in
regulating and supervising the system of High School and
Intermediate Education in the United Provinces, and to
prescribe courses for English Middle classes, subject to the
control of the Local Government: It is hereby enacted as
follows:—

1. (1) This Act may be called the Intermediate Education Act, 1921.

(2) It extends to the territories for the time being
administered by the Local Government of the United Provinces.

(3) It shall come into force on such date as the Local Government may, by notification in the Gazette, direct.

2. In this Act, and in all regulations made hereunder, unless there is anything repugnant in the subject or context,—

- (a) "Board" means the Board of High School and Intermediate Education ;
- (b) "Institution" means the whole of an institution, or a part thereof, as the case may be ;
- (c) "Minister" means Minister for Education in the United Provinces ,
- (d) "Recognition" means recognition for the purpose of preparing candidates for admission to the Board's examinations ;
- (e) "Regulations" means regulations made by the Board under this Act.

3. (1) The Board shall be established as soon as may be after this Act has come into force, and shall consist of—

- (a) the Director of Public Instruction (*ex officio* Chairman),
- (b) two Principals of Intermediate colleges maintained by Government, appointed by the Minister ;
- (c) four Principals of Intermediate colleges not maintained by Government, elected from among themselves ;
- (d) one head master of a High School maintained by Government, appointed by the Minister ,
- (e) two head masters of High Schools not maintained by Government, elected from among themselves ,
- (f) a representative of Engineering, appointed by the Minister ;
- (g) a representative of Agriculture, appointed by the Minister ;
- (h) a member of the Medical profession, appointed by the United Provinces Medical Council ;

5 When the prescribed term of office of members other than *ex officio* members has expired, the vacancies so caused shall be filled as soon as conveniently may be in accordance with sub-section (1) of section 3

6 The names of the persons who have been nominated or elected to be members of the Board in accordance with sub-sections (1) and (2) of section 3 or with section 5, shall be published by notification in the *Gazette*

7 Subject to the provisions of this Act the Board shall have the following powers, namely —

(1) to prescribe courses of instruction for the Intermediate classes and the High and Middle sections of English schools in such branches of education as it may think fit,

(2) to grant diplomas or certificates to persons who—

(a) have pursued a course of study in an institution admitted to the privileges of recognition by the Board or

(b) are teachers or

(c) have studied privately under conditions laid down in the regulations, and have passed the examinations of the Board under like conditions,

(3) to conduct examinations at the end of the High School and Intermediate courses,

(4) to recognize institutions for the purposes of its examinations,

(5) to admit candidates to its examinations,

(6) to demand and receive such fees as may be prescribed in the regulations,

(7) to publish the results of its examinations,

(8) to co-operate with other authorities in such manner and for such purposes as the Board may determine,

(9) to call for reports from the Department of Public Instruction on the condition of recognized institutions or of institutions applying for recognition;

(10) to submit to the Minister its views on any matter with which it is concerned,

- (i) a member of the staff of a Training College for teachers, appointed by the Minister ;
- (j) a representative of Industries, appointed by the Minister ;
- (k) a lady appointed by the Minister to represent women's education ;
- (l) representatives elected by Universities established by law in the United Provinces, whose number shall be, as nearly as possible, one-third of the total number of the other members of the Board ;

Explanation.—The number of representatives to be assigned to each University under clause (l) of sub-section (1) shall be fixed by the Minister.

- (m) three members elected by the non-official members of the Legislative Council ;
- (n) one member each appointed by the Upper India Chamber of Commerce and the United Provinces Chamber of Commerce ;
- (o) one member each appointed by the British Indian Association and by the Agra Landholders' Association.

(2) Persons not more than three in number may be nominated by the Minister to secure the representation of minorities not otherwise adequately represented.

(3) The Board shall be authorized to co-opt persons not exceeding three in number, on account of their possessing expert knowledge in subjects of study included in the courses prescribed by the Board.

4. (1) Members other than *ex officio* and co-opted members shall hold office for a term of three years from the date of the notification published under section 6.

(2) The term of office of co-opted members shall terminate on the same date as that of other appointed members.

5 When the prescribed term of office of members other than *ex officio* members has expired the vacancies so caused shall be filled as soon as conveniently may be in accordance with sub-section (1) of section 3

6 The names of the persons who have been nominated or elected to be members of the Board in accordance with sub-sections (1) and (2) of section 3 or with section 5 shall be published by notification in the *Gazette*

7 Subject to the provisions of this Act the Board shall have the following powers, namely —

(1) to prescribe courses of instruction for the Intermediate classes and the High and Middle sections of English schools in such branches of education as it may think fit,

(2) to grant diplomas or certificates to persons who—

(a) have pursued a course of study in an institution admitted to the privileges of recognition by the Board or

(b) are teachers or

(c) have studied privately under conditions laid down in the regulations and have passed the examinations of the Board under like conditions,

(3) to conduct examinations at the end of the High School and Intermediate courses,

(4) to recognize institutions for the purposes of its examinations,

(5) to admit candidates to its examinations,

(6) to demand and receive such fees as may be prescribed in the regulations,

(7) to publish the results of its examinations,

(8) to co-operate with other authorities in such manner and for such purposes as the Board may determine

(9) to call for reports from the Department of Public Instruction on the condition of recognized institutions or of institutions applying for recognition,

(10) to submit to the Minister its views on any matter with which it is concerned,

- (i) a member of the staff of a Training College for teachers, appointed by the Minister;
- (i) a representative of Industries, appointed by the Minister;
- (l) a lady appointed by the Minister to represent women's education;
- (l) representatives elected by Universities established by law in the United Provinces, whose number shall be, as nearly as possible, one-third of the total number of the other members of the Board;

Explanation.—The number of representatives to be assigned to each University under clause (l) of sub-section (1) shall be fixed by the Minister.

- (r) three members elected by the non-official members of the Legislative Council;
- (n) one member each appointed by the Upper India Chamber of Commerce and the United Provinces Chamber of Commerce;
- (o) one member each appointed by the British Indian Association and by the Agra Landholders' Association.

(2) Persons not more than three in number may be nominated by the Minister to secure the representation of minorities not otherwise adequately represented.

(3) The Board shall be authorized to co-opt persons not exceeding three in number, on account of their possessing expert knowledge in subjects of study included in the courses prescribed by the Board.

4. (1) Members other than *ex officio* and co-opted members shall hold office for a term of three years from the date of the notification published under section 6.

(2) The term of office of co-opted members shall terminate on the same date as that of other appointed members.

11 (1) It shall be the duty of the Chairman to see that this Act and the regulations are faithfully observed and he shall have all powers necessary for this purpose.

(2) The Chairman shall have power to convene meetings of the Board, and shall call a meeting at any time after due notice on a requisition signed by not less than five members of the Board and stating the business to be brought before the meeting

(3) In any emergency arising out of the administrative business of the Board, which in the opinion of the Chairman requires that immediate action should be taken the Chairman shall take such action as he deems necessary and shall thereafter report his action to the Board at its next meeting

(4) The Chairman shall exercise such other powers as may be prescribed by the regulations

12. (1) The Secretary shall be appointed by the Minister upon such conditions and for such period as the Minister may deem fit

He shall be removable from office by the votes of not less than three-fourths of the members present at a special meeting of the Board at which not less than one-half of the total number of the members are present

(2) The Secretary shall, subject to the control of the Board, be the administrative officer of the Board. He shall be responsible for the presentation of the annual estimates and statement of accounts

(3) He shall be responsible for seeing that all moneys are expended on the purpose for which they are granted or allotted.

(4) He shall be responsible for keeping the minutes of the Board

(5) He shall exercise such other powers as may be

(11) to see the schedules of new demands proposed to be included in the budget relating to institutions recognized by it and to submit, if it thinks fit, its views thereon for the consideration of the Minister ;

(12) to do all such other acts and things as may be requisite in order to further the objects of the Board as a body constituted for regulating and supervising High School and Intermediate Education.

8. Nothing in the Act shall affect the constitution, powers or functions of the Benares Hindu University, the Aligarh Moslem University or the Lucknow University, except with their consent recorded in writing.

9. (1) The Minister shall have the right to address the Board with reference to any of the work conducted or done by the Board and to communicate to the Board his views on any matter with which the Board is concerned.

(2) The Board shall report to the Minister such action, if any, as it is proposed to take or has been taken upon his communication.

(3) If the Board does not, within a reasonable time, take action to the satisfaction of the Minister, the Minister may, after considering any explanation furnished or representation made by the Board, issue such directions consistent with this Act as he may think fit, and the Board shall comply with such directions.

(4) In any emergency which, in the opinion of the Minister, requires that immediate action should be taken, the Minister may take such action consistent with this Act as he deems necessary without previous consultation with the Board, and shall forthwith inform the Board thereof.

10. The following shall be the officers of the Board :—

(1) The Chairman.

(2) The Secretary.

(3) Such other officers as may be declared by the regulations to be officers of the Board.

11 (1) It shall be the duty of the Chairman to see that this Act and the regulations are faithfully observed and he shall have all powers necessary for this purpose.

(2) The Chairman shall have power to convene meetings of the Board, and shall call a meeting at any time after due notice on a requisition signed by not less than five members of the Board and stating the business to be brought before the meeting

(3) In any emergency, arising out of the administrative business of the Board, which in the opinion of the Chairman requires that immediate action should be taken the Chairman shall take such action as he deems necessary and shall thereafter report his action to the Board at its next meeting

(4) The Chairman shall exercise such other powers as may be prescribed by the regulations

12 (1) The Secretary shall be appointed by the Minister upon such conditions and for such period as the Minister may deem fit

He shall be removable from office by the votes of not less than three fourths of the members present at a special meeting of the Board at which not less than one-half of the total number of the members are present

(2) The Secretary shall, subject to the control of the Board, be the administrative officer of the Board. He shall be responsible for the presentation of the annual estimates and statement of accounts

(3) He shall be responsible for seeing that all moneys are expended on the purpose for which they are granted or allotted.

(4) He shall be responsible for keeping the minutes of the Board

(5) He shall exercise such other powers as may be prescribed by the regulations

- (b) if any alterations in, or additions to, the draft regulations submitted appear to the Minister to be necessary, the Minister may, after consulting the Board, sanction the proposed body of regulations with such additions and alterations as appear to be necessary.

(2) If a draft body of regulations is not submitted by the Board within the period of six months from the commencement of this Act or within such further period as may be fixed under sub-section (1), the Minister may, within six months after the expiry of such period or of such further period, make, after previous publication, regulations which shall have the same force as if they had been prepared and sanctioned under sub-section (1).

18. All casual vacancies among the members (other than *ex officio* members) of the Board or of a committee appointed by the Board shall be filled as soon as conveniently may be by the person or body who appointed, elected or co-opted the member whose place has become vacant, and the person appointed, elected or co-opted to a casual vacancy shall be a member of the Board or Committee for the residue of the term for which the person whose place he fills would have been a member.

19. No act or proceeding of the Board or of a committee appointed by it shall be invalidated merely by reason of the existence of a vacancy or vacancies among its members.

20. (1) The Board and its Committees may make byelaws consistent with this Act and the Regulations—

- (a) laying down the procedure to be observed at their meetings and the number of members required to form a quorum;
- (b) providing for all matters which consistently with this Act and the Regulations are to be prescribed by byelaws; and

(c) providing for all other matters solely concerning the Board and its Committees and not provided for by this Act and the Regulations.

(2) The Board and its Committees shall make by-laws providing for the giving of notice to the members of the Board or Committee of the dates of meetings, and of the business to be considered at meetings, and for the keeping of a record of the proceedings of meetings.

(3) The Board may direct the amendment or rescission of any byelaw made by a Committee under this section, and the Committee shall give effect to any such direction.

Representative of the Benares Hindu University under clause (i), sub-section (1), section 3 of the Intermediate Education Act, 1921.

21. A. B. Dhruva, Esq., M.A., LL.B., Pro-Vice-Chancellor,
Benares Hindu University, Benares.

Representative of the Aligarh Muslim University, Aligarh, under clause (i), sub-section (1), section 3 of the Intermediate Education Act, 1921.

22. Major E. W. Dann, M.A., Professor, Aligarh Muslim
University, Aligarh.

Elected by the non-official members of the United Provinces Legislative Council under clause (m), sub-section (1), section 3 of the Intermediate Education Act, 1921.

23. Zafar Husain, Esq., Vakil, Fatehpur.
24. Rai Sita Ram Bahadur, M.A., LL.B., M.L.C., Meerut.
25. Pandit Nanak Chand, M.A., LL.B., M.L.C., Vakil, Buland-
shahr,

Appointed by the Upper India Chamber of Commerce under clause (n), sub-section (1), section 3 of the Intermediate Education Act, 1921.

26. W. R. Watt, Esq., M.A., B.Sc., D.I.C., F.G.S., of the
British India Corporation, Ltd., Cawnpore.

Appointed by the United Provinces Chamber of Commerce under clause (n), sub-section (1), section 3 of the Intermediate Education Act, 1921.

27. Hira Lal Khanna, Esq., M.Sc., of Messrs. Jwala Prasad
Radha Kishun, Kaho-ki-Kothi, Cawnpore.

Appointed by the British Indian Association under clause (o), sub-section (1), section 3 of the Intermediate Education Act, 1921.

28. Thakur Prithwipal Singh, Taluqdar, Surajpur, Bara
Banki district, Oudh.

Appointed by the Agra Landholders' Association under clause (o), sub-section (1), section 3 of the Intermediate Education Act, 1921.

29. Babu Shyam Lal, M.A., LL.B., M.B.A.S., Nawabganj,
Cawnpore.

Appointed by the Minister under sub-section (2), section 3 of the Intermediate Education Act, 1921.

30. Dr. L. K. Hyder, B.A., Ph.D., Professor of Economics,
Aligarh Muslim University, Aligarh.

31. Maulvi Mehdi Husain Nasri, M.A., Head Master,
Government High School, Bara Banki.

- 32 Dr. Tara Chand, M.A., D. PHIL. (OXON.), Principal, Kayastha Pathshala, Allahabad (*Co-opted Member*).
- 33 The Rev. R. A. King, M.A., D.D., Principal, Indore Christian College, Indore (*Co-opted Member*).
- 34 W. L. Andrews, Esq., M.A., Head Master, Boys' High School, Allahabad (*Co-opted Member*).

MEMBERS OF THE COMMITTEES OF COURSES

(*Corrected up to 30th November, 1924.*)

(1) ENGLISH

- 1 The Rev Canon A. W. Davies (Member, Board)
- 2 T. C. Jones, Esq., M.A. Principal, Agra College, Agra.
3. B. Sanjiva Rao Esq (Member Board).
- 4 Lala Diwan Chand (Member, Board)
- 5 The Rev C. A. R. Janvier (*Convener*), (Member, Board)
- 6 Babu Ganga Prasad (Member, Board), (*Co-opted Member*)

(2) SANSKRIT

1. Pandit V. V. Savani M.A. Professor, Meerut College, Meerut
- 2 Mahamahopadhyaya Pandit Lakshman Sastri Tailang, Queen's Intermediate College, Benares
- 3 Pandit Kashinath Ram M.A. Inspector of Sanskrit Pathshalas, United Provinces, Benares
- 4 A. B. Dhruva Esq (Member Board)
- 5 Dr. P. K. Acharya M.A. Ph.D., D.Litt., Professor, Allahabad University (*Convener*).
6. Pandit Dakshinamurti Shastri, M.A., Professor, Kayastha Pathshala Allahabad (*Co-opted Member*)

(3) ARABIC AND PERSIAN

1. M. Zia-ul-Hasan Ali M.A. Inspector of Arabic Madrasas United Provinces, Allahabad (*Convener*).
2. Mauti Mauti Mauti Mauti (Member, Board)
3. Dr. A. S. Tritton Professor, Aligarh Muslim Univer-

(11) CHEMISTRY.

1. Dr. N. R. Dhar, Professor, Allahabad University, Allahabad (Convener).
2. H. Krall, Esq., B.A., B.Sc., Professor, Agra College, Agra.
3. Mr. I. D. Varshani, Esq. (Member, Board).
4. S. C. Deb, Esq., M.A., Reader, Allahabad University, Allahabad.
5. Madho Prasad, Esq. M.Sc., Professor, Meerut College, Meerut.

(12) BIOLOGY.

1. Dr. W. S. Dudgeon, Ph.D., Professor, Ewing Christian College, Allahabad (Convener).
2. Dr. K. C. Mehta, Professor, Agra College, Agra.
3. D. R. Bhattacharya, Esq., M.Sc., Professor, Allahabad University, Allahabad.
4. Dr. K. N. Bahl (Member, Board).
5. Major M. A. Rahman, Principal, Medical College, Agra.

(13) AGRICULTURE.

1. Tej Shankar Kochak, Esq., Principal, Agricultural School, Bulandshahr.
2. Chaudhri Mukhar Singh (Member, Board).
3. Har Narayan Batham, Esq. M.A., Professor, Agricultural College, Cawnpore.
4. Babu Shyam Lal (Member, Board).
5. S. Higginbottom, Esq., M.A., B.Sc., Principal, Agricultural Institute, Naini, Allahabad (Convener).
6. Maya Das, Esq., M.A., B.Sc. (Edin.), Principal, Agricultural College, Cawnpore (*Co-opted Member*).

(14) DRAWING, SURVEYING AND MANUAL TRAINING.

1. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad.
2. C. J. Veale, Esq., Professor, Thomason Civil Engineering College, Roorkee.
3. N. Heard, Esq., Principal, Government School of Arts and Crafts, Lucknow.
4. Lala Wazir Sahai (Member, Board).

5. G F Worthen, Esq, Principal, Government Carpentry School, Allahabad (Convener).

(15) DOMESTIC SCIENCE

- 1 Miss S B Jacob Lady Principal, Mahilla Vidyalaya, Lucknow.
- 2 Mrs Saralabai Nair (Member, Board)
- 3 Mrs I Senapati, c/o N. Senapati, Esq, I.C.S. Buxar.
- 4 Mrs B Padma Bai Rao, B.A., Lady Principal, Theosophical National Girls' School and Women's College, Benares
- 5 Miss H. G. Smart, M.A. Chief Inspectress of Girls' Schools, United Provinces Allahabad (Convener)

(16) COMMERCE

1. The Rev L. Steele F.R.S. Professor St John's College, Agra.
- 2 E M Moffatt, Esq, M.A. Professor, Lucknow Christian College, Lucknow
- 3 B N Chopra Esq, F.A. & I.C.E.S. Professor Sanskrit Dharm College of Commerce, Calcutta
- 4 Lala Diwan Chand (Member, Board)
5. W R Watt, Esq (Convener) (Member, Board)
6. Hira Lal Khanna Esq (Member Board) (Co-opted Member)

(17) LOGIC

1. Lala Diwan Chand (Member, Board)
2. The Rev T D Sullivan M.A. (Oxon.), Professor St John's College, Agra.
- 3 H T. Bosc Esq M.A., Professor, Ewing Christian College, Allahabad
- 4 S C Clatterj Esq (Member, Board).
- 5 P. S. Burrell, Esq, Convener, (Member, Board).

(18) ECONOMICS

- 1 C. D. Thompson Esq, M.A., Professor, Ewing Christian College Allahabad (Convener).
- 2 Dr L. K. Hyder (Member, Board)

3. Mrs. Saralabai Naik (Member, Board).
4. Shankar Prasad Bhargava, Esq., M.A., LL.B., Principal, Sanatan Dharma College of Commerce, Cawnpore.
5. Brij Gopal Bhatnagar, Esq., M.A., Reader, Allahabad University, Allahabad.

(19) INDIAN MUSIC

1. V. A. Kashalkar, Esq., Sangit Pravin., Professor, Kayastha Pathshala, Allahabad.
2. Thakur Nawab Ali Khan, Lucknow.
3. B. Sanjiva Rao, Esq. (Member, Board).
4. Mrs. Gupta, c/o. Dr. Gupta, Lucknow University, Lucknow.
5. Major D. R. Ranjit Singh (Convener), (Member, Board).
6. Pandit P. B. Joshi, M.A., B.Sc., Professor, Government College, Ajmer (*Co-opted Member*).

(20) CIVICS.

1. B. Sanjiva Rao, Esq. (Member, Board).
2. P. V. Telang, Esq., M.A., LL.B., Professor, Benares Hindu University, Benares.
3. Dr. Tara Chand (Convener), (*Co-opted Member, Board*).
4. Pandit Ram Prasad Tripathi, M.A., Reader, Allahabad University, Allahabad.
5. Dr. Radha Kumud Mukerji, M.A., Ph.D., F.R.S., Professor, Lucknow University, Lucknow.

(21) EDUCATION.

1. B. Sanjiva Rao, Esq. (Member, Board).
2. Miss H. G. Stuart, M.A., Chief Inspectress of Girls' Schools, United Provinces, Allahabad.
3. H. Tinker, Esq., B.Sc., I.E.S., Principal, Training College, Agra.
4. A. A. Simpson, Esq. (Convener), (Member, Board).
5. Miss Florence Justin, M.A., Isabella Thoburn College, Lucknow.

MEMBERS OF THE CURRICULUM COMMITTEE

1. Lala Diwan Chand (Member, Board).
2. Maulvi Mehdi Husain Nairi (Member, Board)
3. R H Moody, Esq, M.A., Offg Assistant Director of Public Instruction, United Provinces, Allahabad.
4. The Rev. Canon A. W. Davies (Member, Board) (Vice-Convenor)
5. B. Sanjiva Rao, Esq (Member, Board)
6. Pandit Nanak Chand (Member, Board)
7. Pandit Ram Narayan Misra (Member, Board)
8. Pandit Iqbal Narayan Gurtu, M.A., LL.B Theosophical Lodge, Benares
9. Dr Tara Chand (Co-opted Member, Board)
10. Dr. W. S Dudgeon, Professor, Ewing Christian College, Allahabad
11. Manohar Lal Zutshi Esq, M.A. I.C.S., Principal Government Jubilee Intermediate College Lucknow.
12. H B Wetherill Esq, M.A Inspector of Schools, Rohilkhand Division Bareilly (Convenor)
13. Babu Suraj Narain Mathur, B.A. L.T., Head Master, Government High School Unao (Co-opted Member)
14. P K. Telang Esq, M.A. LL.B., Professor, Benares Hindu University, Benares (Co-opted Member)
15. Babu Ganga Prasad (Member, Board), (Co-opted Member)
16. Babu Devi Prasad Khattri M.A., L.T., Head Master, Pt. Prithi Nath High School, Cawnpore (Co-opted Member)

MEMBERS OF THE RECOGNITION COMMITTEE

1. Babu Shyam Lal (Member, Board).
2. Dr Tara Chand (Co-opted Member, Board)
3. Pandit Nanak Chand (Member, Board)
4. Lala Diwan Chand (Member, Board).
5. Dr L. K. Hyder (Member Board).
6. The Rev. J. L. Cantalar (Member, Board)
7. The Deputy Director of Public Instruction, United Provinces, Allahabad (Convenor)

MEMBERS OF THE FINANCE COMMITTEE.

1. Major D. R. Ranjit Singh (Member, Board).
2. The Rev. C. A. R. Janvier (Member, Board).
3. Hira Lal Khanna, Esq. (Member, Board).
4. Babu Ganga Prasad (Member, Board).
5. Pandit Nanak Chand (Member, Board).
6. Dr. Zia-ud-din Ahmad (Member, Board).
7. The Assistant Director of Public Instruction, United Provinces, Allahabad (Convener).

MEMBERS OF THE EXAMINATIONS' COMMITTEE.

1. Lala Diwan Chand (Member, Board).
2. Dr. K. N. Bahl, Esq. (Member, Board).
3. Dr. Tara Chand (Co-opted Member, Board).
4. The Rev. C. A. R. Janvier (Member, Board).
5. Manohar Lal Zutshi, Esq., M.A., I.E.S., Principal, Government Jubilee Intermediate College, Lucknow.
6. Raghunath Das, Esq., B.A., C.T. Registrar, Departmental Examinations, United Provinces, Allahabad (*Co-opted Member*).
7. The Secretary of the Board (Secretary and *Co-opted Member*).

MEMBERS OF THE COMMITTEE TO SCRUTINIZE APPLICATIONS FROM PRIVATE CANDIDATES.

1. Dr. Tara Chand (Co-opted Member, Board).
2. Babu Ganga Prasad (Member, Board).
3. The Rev. C. A. R. Janvier (Member, Board).
4. Mrs. Saralabai Naik (Member, Board).
5. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad (Convener).

MEMBERS OF THE RESULTS COMMITTEE.

1. The Director of Public Instruction, United Provinces, Allahabad (Chairman).
2. Dr. Zia-ud-din Ahmad (Member, Board).
3. Rai Bahadur Sita Ram (Member, Board).
4. K. P. Kichlu, Esq., M.A., I.E.S., Deputy Director of Public Instruction, United Provinces, Allahabad.
5. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad.
The Secretary of the Board.

REGULATIONS

OF THE

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,
UNITED PROVINCES

CHAPTER I

DEFINITION

IN these regulations unless there is anything repugnant in the subject or context the following terms shall have the following meaning —

- (1) 'Chairman' means the Chairman of the Board of High School and Intermediate Education, United Provinces
- (2) 'College' means an educational institution preparing candidates for the Intermediate or Commercial Diploma Examination of the Board and recognized by the Board for such a purpose
- (3) 'Department' means the Department of Public Instruction in the United Provinces
- (4) 'Director' means the Director of Public Instruction in the United Provinces
- (5) 'Guardian' means the natural or legal guardian, or a person approved by the head of the institution concerned as the guardian of a student for the purposes of these regulations
- (6) 'Head Master' means the head of a High School recognized by the Board
- (7) 'High School' means an educational institution preparing candidates for the High School Examination of the Board and recognized by the Board for such a purpose
- (8) 'Inspector' means an inspecting officer of the Education department
- (9) 'Principal' means the head of an institution which maintains Intermediate classes recognized by the Board

2. The number of members appointed by the Board to any committee shall, unless otherwise specified, be not less than three and not more than five.

3. Election of members to fill up ordinary vacancies in committees of the Board shall be held at the meeting of the Board immediately following the occurrence of the vacancy, and members shall hold office from the date of election.

4. Except in the case of the Examinations' Committee, the Board shall appoint, at its annual meeting, a member of each committee to be the Convener of the committee. In the event of the Convener ceasing to hold office, the committee shall appoint a substitute from among its own members to hold office till the next annual meeting of the Board.

5. The Secretary of the Board shall act as Secretary of the Examinations' Committee, and shall perform the functions performed by the Convener in other committees. Unless elected a member of the committee, he will not have a vote.

CHAPTER V.

COMMITTEES OF COURSES.

1. There shall ordinarily be Committees of Courses for each of the following subjects or groups of subjects :—

- | | |
|-----------------------------------|---|
| (a) English. | (l) Biology. |
| (b) Sanskrit. | (m) Agriculture. |
| (c) Arabic and Persian. | (n) Drawing, Surveying
and Manual Train-
ing. |
| (d) History. | (o) Domestic Science. |
| (e) Geography. | (p) Commerce. |
| (f) Indian Vernaculars. | (q) Logic. |
| (g) Greek, Latin and
Hebrew. | (r) Economics. |
| (h) European Modern
Languages. | (s) Indian Music. |
| (i) Mathematics. | (t) Civics. |
| (j) Physics. | (u) Education. |
| (k) Chemistry. | |

2. Committees of Courses shall be constituted for such other subjects of study as may from time to time be prescribed by the Board.

3. Each Committee of Courses shall lay down a syllabus in the subject with which it is concerned and recommend or prescribe suitable text-books when considered necessary, in conformity with that syllabus.

4. Every Committee of Courses shall ordinarily meet in the month of February every year, and draw up courses three years ahead of the examinations for which they are intended to be prescribed. The draft courses proposed by the Committee shall be circulated, as soon as may be, among the members of the Board. Any observations made by members in regard thereto shall be communicated by them direct to the Convener concerned before the end of August in the same year. If, in the opinion of the Convener, the nature of the criticisms received justifies the reconsideration of the courses drawn up by the Committee he shall summon another meeting of the Committee to reconsider the courses or ascertain by correspondence the views of the members of the Committee on the suggestions received; otherwise the courses drawn up shall be taken to be finally approved by the Committee.

8. A committee may bring to the notice of the Board any matter connected with the examinations or courses in *respect of the subject or subjects with which it is concerned.*

9. Any two or more Committees of Courses may, and at the request of the Board shall, meet and render a joint report upon any matter with which they are severally and jointly concerned.

CHAPTER VI.

THE EXAMINATIONS' COMMITTEE.

It shall be the duty of the Examinations' Committee, subject to the sanction and control of the Board,—

- (a) to order examinations in conformity with the regulations and to fix dates for holding them;
- (b) to consider the recommendations of the Committees of Courses with regard to examiners and to prepare lists of examiners for the approval of the Board;
- (c) to appoint boards of moderators on the recommendation of the Committees of Courses;
- (d) to fix the number of question papers to be set in each subject after receiving recommendations from the Committees of Courses concerned;
- (e) to recommend the standard of length for written tests in different subjects, after receiving recommendations from the Committees of Courses concerned;
- (f) to propose maximum and minimum marks for each subject and for each part of a subject, after receiving recommendations from the Committees of Courses concerned;
- (g) to frame rules for the award of grace marks;
- (h) to prescribe forms of application to be filled up by candidates applying for permission to appear at examinations, and forms of certificates to be granted to successful candidates;

- (a) to fix rates of honorarium for examiners, invigilators and others,
- (g) to propose the opening and closing of centres of examination,
- (k) to prescribe the mode of conducting the oral and practical tests, if any,
- (l) to consider all other matters arising out of the conduct of examinations, and to make recommendations, where necessary, to the Board

CHAPTER VII

RECOGNITION OF INSTITUTIONS BY THE BOARD.

1. The Committee of Recognition shall consist of seven members at least five of whom shall be elected by the Board

2 Its duties shall be to scrutinize applications for recognition, to call for other information necessary for purposes of recognition, and to perform such other duties as may be delegated to it by the Board

3 An institution desiring to be recognized for the purposes of an examination conducted by the Board shall, not later than the month of December in the year preceding that in which it proposes to open classes in preparation for an examination, apply to the Secretary for permission to send up candidates

4 On receipt of an application for recognition the Secretary shall forward it to the Inspector of Schools within whose jurisdiction the institution is situated with a request for a local enquiry and a report and recommendation regarding the fitness of the institution for recognition In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector, for the purpose of the local enquiry and report, one or more persons who will be chosen from a list of persons nominated by the Board Such persons shall be actually engaged in the work of teaching in the United Provinces The report shall be submitted to the Recognition Committee through the

Director of Public Instruction, who will add his comments and recommendations, if any.

5. Applications for recognitions shall set out in detail the following particulars, upon which the inspecting authority should make its report and recommendation:—

- (a) whether there is a real need of the institution in the locality ;
- (b) the constitution of the governing body, if any ;
- (c) the name of the manager or secretary or correspondent, as the case may be ;
- (d) the qualifications and rates of pay of the teaching staff ;
- (e) the examination or examinations for which it desires recognition ;
- (f) the subject or subjects of instruction in which the institution undertakes to make provision ;
- (g) the accommodation provided in class-rooms and in hostels ;
- (h) the provision made for the health, recreation and discipline of scholars ;
- (i) the financial position of the institution and the sources and amount of income ;
- (j) the scale of fees charged and the provision, if any, for the admission of poor scholars ;
- (k) the number of scholars in each class or section of a class.

6. Any other information which the Board may call for in connection with the application shall be supplied by the institution through the inspecting authority.

7. The inspecting authority in forwarding its report shall state whether and in what subjects or on what conditions recognition should, in its opinion, be granted.

8. No institution shall be recognized unless it agrees to comply with the following requirements:—

- (a) it shall, in the case of a High School, be open to inspection by the inspecting officers of the department, and in the case of an Intermediate

College by the inspecting officer of the department with whom the Director of Public Instruction may, for purposes of formal inspection, associate one or more persons chosen from the list referred to in Regulation 4,

- (b) all information and returns called for by the department or the Board shall be duly furnished,
- (c) * it shall not prepare and send up candidates for a rival examination (High School, Intermediate or Commercial Diploma) when an examination of the same nature and similar standard is held by the Board,
- (d) it shall make suitable arrangements for the health, recreation, and supervision of boarders and for the sanitation of its premises generally.

9. If satisfied that an institution is deserving of recognition, the Board shall direct the Secretary to enter its name upon a list of recognized institutions to be kept by him, and the Secretary shall inform the institution and the Inspector of the division in which it is situated in which subjects, on what conditions and for what examination or examinations it has been recognized.

10. Where an institution desires to add to the subjects of instruction in respect of which recognition has been granted, the procedure prescribed by the foregoing regulations shall, as far as may be, be followed.

11. An institution recognized by the Board for the purpose of any of its examinations shall submit to the department annual returns giving the personnel and pay of the teaching staff. Any change in the management shall be communicated as soon after the change as possible.

12. The department shall forward to the Secretary copies of all notifications from a recognized institution communicating changes in management and in the number,

* NOTE.—This clause does not apply to the Cambridge School Certificate Examination in the case of European schools.

qualifications and salaries of the teaching staff, the result of which, in its opinion, affects the fitness of the institution for continued recognition by the Board.

13. If the department is of opinion that any institution recognized by the Board has, by reason of deterioration, ceased to meet the requirements of the Board, the department shall make a report to the Board. On receipt of the department's report, the Board may, through the Divisional Inspector, institute such enquiry as it thinks fit. The report of the Inspector will be submitted to the Board through the Director of Public Instruction, who will add his comments, if any, and the Board will take the report into consideration at its next meeting and inform the department of its decision. In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector for the purpose of the enquiry one or more persons chosen from the list referred to in Regulation 4.

14. In any case in which the Board may decide that action is necessary upon the report, it will first call upon the authorities through the department to show cause why such action should not be taken.

15. No action shall be taken by the Board on any report by the department without first giving the institution concerned an opportunity of making any representation it may wish to make through the department to the Board.

16. The Board shall, if satisfied that the institution is no longer fit for recognition, direct the Secretary to issue a warning to the governing body through the department that unless within a period fixed by the Board the institution removes the defect or defects to which attention has been called, it will be struck off the list of recognized institutions, or that recognition will be withdrawn in one or more optional subjects. The Board shall have power to extend from time to time the period so fixed.

17. If within the time fixed by the Board, or within such further time as may be allowed by it, the institution

8. A committee may bring to the notice of the Board any matter connected with the examinations or courses in respect of the subject or subjects with which it is concerned.

9. Any two or more Committees of Courses may, and at the request of the Board shall, meet and render a joint report upon any matter with which they are severally and jointly concerned.

CHAPTER VI.

THE EXAMINATIONS' COMMITTEE.

It shall be the duty of the Examinations' Committee, subject to the sanction and control of the Board,—

- (a) to order examinations in conformity with the regulations and to fix dates for holding them;
- (b) to consider the recommendations of the *Committees of Courses with regard to examiners* and to prepare lists of examiners for the approval of the Board;
- (c) to appoint boards of moderators on the recommendation of the Committees of Courses;
- (d) to fix the number of question papers to be set in each subject after receiving recommendations from the Committees of Courses concerned;
- (e) to recommend the standard of length for written tests in different subjects, after receiving recommendations from the Committees of Courses concerned;
- (f) to propose maximum and minimum marks for each subject and for each part of a subject, after receiving recommendations from the Committees of Courses concerned;
- (g) to frame rules for the award of *grace marks*;
- (h) to prescribe forms of application to be filled up by candidates applying for permission to appear at examinations, and forms of certificates to be granted to successful candidates;

- (e) to fix rates of honorarium for examiners, invigilators and others,
- (f) to propose the opening and closing of centres of examination,
- (h) to prescribe the mode of conducting the oral and practical tests, if any,
- (i) to consider all other matters arising out of the conduct of examinations, and to make recommendations, where necessary to the Board

CHAPTER VII

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4 On receipt of an application for recognition the Secretary shall forward it to the Inspector of Schools within whose jurisdiction the institution is situated with a request for a local enquiry and a report and recommendation regarding the fitness of the institution for recognition In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector, for the purposes of the local enquiry and report, one or more persons who will be chosen from a list of persons nominated by the Board Such persons shall be actually engaged in the work of teaching in the United Provinces The report shall be submitted to the Recognition Committee through the

College by the inspecting officer of the department with whom the Director of Public Instruction may, for purposes of formal inspection, associate one or more persons chosen from the list referred to in Regulation 9

(b) all information and returns called for by the department or the Board shall be duly furnished,

(c) * it shall not prepare and send up candidates for a rival examination (High School Intermediate or Commercial Diploma) when an examination of the same nature and similar standard is held by the Board

(d) it shall make suitable arrangements for the health recreation, and supervision of boarders and for the sanitation of its premises generally

9 If satisfied that an institution is deserving of recognition the Board shall direct the Secretary to enter its name upon a list of recognized institutions to be kept by him and the Secretary shall inform the institution and the Inspector of the division in which it is situated in which subjects on what conditions and for what examination or examinations it has been recognized.

10 Where an institution desires to add to the subjects of instruction in respect of which recognition has been granted the procedure prescribed by the foregoing regulations shall as far as may be be followed

11 An institution recognized by the Board for the purposes of any of its examinations shall submit to the department annual returns giving the personnel and pay of the teaching staff Any change in the management shall be communicated as soon after the change as possible

12 The department shall forward to the Secretary copies of all notifications from a recognized institution communicating changes in management and in the number,

* NOTE — This clause does not apply to the Cambridge School Certificate Examination in the case of European schools

fails to satisfy the Board that it is conforming to its requirements the Board shall strike the institution off the list of recognized institutions or shall withdraw recognition in one or more optional subjects

18 The Board may, at a subsequent date after report by an Inspector reinstate an institution on the list of recognized institutions or, if recognition was withdrawn in one or more optional subjects restore to it the privileges of preparing candidates therein

19 No institution shall be recognized in any branch of experimental science unless it satisfies the Board—

- (a) that the number of students assigned to a single teacher in practical work at one time does not exceed 20
- (b) that suitable and in the case of Intermediate classes separate laboratories for each branch of experimental science are provided and that each of them is adequately equipped

CHAPTER VIII

THE FINANCE COMMITTEE

1 The Finance Committee shall act as an advisory body in all matters concerning the finances of the Board

2 It shall consist of—

- (a) the Assistant Director of Public Instruction *ex officio* Convener,
- (b) one Principal of an Intermediate College not maintained by Government who is a member of the Board
- (c) one representative of the non official members of the Legislative Council who is a member of the Board,
- (d) four other members elected by the Board

3. The annual financial statement of the Board shall first be laid before the Finance Committee before being submitted to the Board

4. The Finance Committee shall also see the schedules of new demands proposed to be included in the budget relating to institutions recognized by the Board, and submit its views thereon for the consideration of the Board.

CHAPTER IX.

THE CURRICULUM COMMITTEE.

1. The number of members appointed to the Curriculum Committee by the Board shall be twelve, of whom at least nine shall be members of the different Committees of Courses.

2. The duties of the Curriculum Committee shall be—

- (a) to consider the total number of compulsory and optional subjects for each of the Board's examinations;
- (b) to arrange the standards of the courses for the Middle, High School and Intermediate stages in a regular graded order;
- (c) to prescribe curricula for the Intermediate Examination leading to both University and vocational courses;
- (d) to consider proposals for the introduction of new subjects and the exclusion of existing subjects;
- (e) to consider questions of the formation of groups of subjects and the alternation of one group with another;
- (f) to lay down courses for the middle section of English schools.

CHAPTER X.

CONDITIONS UNDER WHICH GRANTS-IN-AID MAY BE GIVEN TO RECOGNIZED INSTITUTIONS.

1. No grant-in-aid shall be recommended to any institution unless it has been recognized by the Board.

2. An institution receiving grant in aid shall, unless specially exempted by the Government invest all Government grants not disbursed within a month of their receipt in a Presidency or post office savings bank.

3 An institution shall be liable to have its grant withdrawn if it continues, even after a warning by the department, to employ a teacher who takes an active part in political agitation calculated to subvert the authority of Government

4 The provisions of the Educational Code, United Provinces, with regard to grants in aid shall apply to all institutions recognized by the Board, so far as they are not inconsistent with these regulations

CHAPTER XI

RESIDENCE OF STUDENTS

1. Where accommodation is available every student of a recognized institution shall reside in a hostel provided by it, or in a hostel recognized by the head of the institution, or with a parent or guardian

2 Where no accommodation is available in a recognized hostel the head of an institution may permit a student or students to live in lodgings reserved by the keeper thereof for students of recognized institutions provided—

(a) that the lodgings are open to inspection by the head of the institution concerned or by any member of the staff who is deputed for the purpose, and

(b) that the keeper is willing to submit to the requirements regarding supervision of students laid down by the head of the institution or heads of institutions concerned

CHAPTER XII.

EXAMINATIONS.

General Rules.

1. The Board shall conduct the following examinations:—

- (a) The High School Examination.
- (b) The Intermediate Examination.
- (c) The Commerical Diploma Examination.

2. The Board's examinations shall be held at such centres and on such dates and at such times as the Board may from time to time appoint.

3. The tests at the Board's examinations may be partly oral or practical and partly written. Oral and practical tests shall be carried out by examiners appointed by the Board in such manuer as the Examinations' Committee may prescribe from time to time. Written tests shall be by means of question papers, and the question papers shall be given out simultaneously at every centre at which the examination is being held.

4. Every candidate for admission to an examination held by the Board shall, not less than twelve weeks before the date fixed for the commencement of the examination,—

- (a) pay the fee prescribed for the examination,
- (b) state the optional subject or subjects in which he desires to present himself for examination, and
- (c) furnish the Secretary with a certificate showing—
 - (i) that he has completed a regular course of study in a recognized institution, or
 - (ii) that he has been permitted by the Board to appear as a private candidate.

5. The following fees shall be paid in respect of the examinations held by the Board :—

- (1) High School Examination, Rupees 15 by each candidate from a recognized institution.

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|--|--|
| (2) High School Examination. | Rupees 20 by each private candidate. |
| (3) Intermediate Examination | Rupees 25 by each candidate from a recognized institution. |
| (4) Ditto .. | Rupees 30 by private candidates. |
| (5) Commercial Diploma Examination | Rupees 25 by each candidate from a recognized institution. |
| (6) Ditto | Rupees 30 by private candidates. |
| (7) Examination in one subject only | Rupees 5. |
| (8) Examination in more than one subject. | Rupees 5 for each subject. |
| (9) Fee for checking the results of failed candidates. | Rupees 10 per candidate |

6. A candidate who fails to pass or who from sickness or other sufficient cause is unable to present himself for any examination shall not receive a refund of his fee

Provided the Board may, on application, admit a candidate who was unable to present himself for any examination to the next ensuing examination without payment of a further fee

Provided also that the fee may not be held over for the next ensuing examination in the case of a candidate who absented himself from a part of the examination

7 The Secretary shall, after satisfying himself that a candidate has complied with all the requirements for admission to an examination of the Board furnish the candidate with a card of admission on presentation of which to the local superintendent of the examination the candidate shall be permitted to sit for the examination.

8. Notwithstanding anything contained in these regulations, no candidate who has been expelled or is still undergoing rustication shall be admitted to any examination of the Board.

9. The Secretary, if satisfied that a candidate's admission card has been lost or destroyed, may grant a duplicate card on payment of a further fee of Rs. 2.

10. Private candidates shall be eligible to appear at the Board's examinations on the conditions hereinafter laid down.

11. A candidate who desires to offer himself for examination as a private candidate shall, not later than the 1st of October preceding the date fixed for the next ensuing examination, send in an application to the Secretary, through the Inspector of Schools of his division, or the head of an educational institution recognized by the Board for the examination in question, in the prescribed form, setting forth—

(a) his age at the time of the application,

(b) the conditions under which he has been studying and is proposing to continue his studies,

(c) the optional subject or subjects which he offers.

He should also forward the original copy of the scholar's register granted to him by the institution, if any, at which he last studied.

12. Such applications from intending private candidates shall be referred to the Standing Committee of the Board appointed to scrutinize applications from private candidates.

13. Such applications, after being scrutinized by the Committee, shall either be granted or rejected by it.

14. Notwithstanding anything contained in these regulations, any female candidate, who is not studying at a recognized institution, may be admitted by the Committee referred to in Regulation 12 above as a Private Candidate to any of its examinations unconditionally, except that before appearing at the Intermediate Examination two

years should have elapsed since the date of her passing the High School or an equivalent examination

15. Except when otherwise provided in these regulations, the names of candidates who have passed an examination of the Board shall be placed in three divisions, and further, the names of students from recognized institutions, shall be grouped according to the institutions in which they have studied.

16. A candidate who has failed in an examination may present himself for one or more subsequent examinations, provided that he shall on each and every such occasion satisfy the Secretary that he has fulfilled the conditions laid down in the regulations for the admission of candidates to the Board's examinations.

17. A candidate who has failed in an examination may be admitted to a subsequent examination without attending a regular course of study in a recognized institution, provided—

- (a) that he has not pursued his studies at an educational institution of any kind,
- (b) that not less than six months before the date fixed for the next examination he sends an application to the Secretary through and recommended by the head of the institution at which he last studied in the prescribed form setting out—
 - (i) the conditions under which he has been studying and is now proposing to continue his studies,
 - (ii) the dates of his failing in the examination,
- (c) that, in the case of a candidate who has taken Science as an optional subject, he passed the practical examination at his last appearance for the examination.

18. Any candidate who has obtained 40 per cent. of the aggregate number of marks but has failed in one subject only, obtaining not less than 25 per cent in that subject, shall be admitted to a subsequent examination in the subject in which he failed on payment of the fee prescribed in.

these regulations: and if he passes in that subject he shall be deemed to have passed the examination.

19. Heads of recognized institutions are not entitled to detain candidates who have fulfilled the conditions laid down for permission to appear at one of the Board's examinations, except for very grave reasons and with the previous sanction of the Chairman of the Board.

CHAPTER XIII.

HIGH SCHOOL EXAMINATION.

1. The following are the subjects prescribed for the High School Examination of the Board:—

Compulsory.

- (1) English.
- (2) Mathematics.
- (3) (a) Indian History, and English History from 1485.
- (b) Geography.
- (4) An Indian Vernacular.

Optional

- (1) One of the following Classical Languages:—
Sanskrit, Arabic, Persian and Latin.
- (2) Commerce.
- (3) Physics and Chemistry.
- (4) Agriculture.
- (5) Drawing
- (6) Manual Training.
- (7) A Modern European Language.
- (8) Domestic Science.
- (9) Metal work.

N. E.—Candidates must take up one optional subject for examination, and no candidate will be examined in more than one such subject, in addition to the compulsory subjects, at one and the same examination: provided that a

candidate who has passed the High School or an equivalent examination in a place outside the United Provinces, may present himself for examination in any subsequent year in one or more optional subjects without re-examination in the compulsory subjects, and such a candidate will, if successful, be entitled to have an entry made in the certificate already granted to him certifying in which additional optional subject or subjects he has passed

2 A candidate is not entitled to a certificate of having passed the High School Examination unless he qualifies separately in each subject offered by him thereat

3 Diaries shall be kept by all teachers employed in teaching classes preparing for the High School Examination, showing the work done in class in each subject taught by them, and such diaries shall be inspected by the oral or practical examiners or by such other authorities as the Board may depute.

4 The question papers set and the written answer-books of all candidates at terminal examinations shall also be subject to inspection in such manner and by such authorities as the Board may direct

5 The head of the institution shall furnish the oral or practical examiner, or such other authority as the Board may appoint, with a list of the candidates undergoing examination in the subject or subjects with which he is concerned, and shall make an entry against each name regarding the proficiency of the candidate as judged by his record therein during the course of study prescribed for the examination

6 The head of the institution shall submit to the Secretary before 1st May in the prescribed form the following particulars for each candidate —

- (a) the percentage of marks obtained in each terminal examination conducted in the institution during the regular course of study prescribed for the examination,

(b) an entry for each subject of examination showing whether in the opinion of the head of the institution—

(i) the candidate deserves to pass (" P ")

or

(ii) the candidate's case is doubtful (" D ")

or

(iii) the candidate is not expected to pass (" F ").

CHAPTER XIV.

INTERMEDIATE EXAMINATION.

1. Every candidate for admission to the Intermediate Examination shall be required to have passed the Board's High School Examination, or to have passed an examination which by regulation is declared equivalent thereto, before entering upon the course of study prescribed for the Intermediate Examination.

2. The following examinations are declared equivalent to the Board's High School Examination for the purpose of enabling candidates to enter upon the course of study prescribed for the Intermediate Examination:—

- (1) the Matriculation Examination of any University established by law in India approved for the purpose by the Board. (The Matriculation Examination of the following Universities are approved by the Board:—Allahabad, the Punjab, Bombay, Calcutta, Madras, Patna, Benares and Aligarh);
- (2) the School-Leaving Certificate Examination of the United Provinces, or of another province;
- (3) the Cambridge Senior Local Examination (provided a student has passed in five of such subjects as are recognized for the Matriculation Examination of the Allahabad University or the School-Leaving Certificate Examination of the United Provinces);
- (4) the Diploma Examination of the Chiefs' Colleges;

(5) the High School Examination for European Schools in the Central Provinces and in other provinces

3 No candidate shall be admitted to the Intermediate Examination unless two academical years shall have elapsed since the date of his or her passing the High School or an equivalent examination

4 Any student who has kept one academical year at a college affiliated to the Universities of Calcutta, Madras, Bombay, Patna, Benares or the Punjab, after matriculation, may be allowed a year corresponding to that which he has so kept, provided he produces a satisfactory certificate from the Principal of a college affiliated to the Universities of Calcutta, Madras, Bombay, Patna, Benares or the Punjab that the corresponding year has been duly kept according to the regulations in force at the University from which he has migrated and that the said Principal has no objection to his transfer

5 Every candidate for the Intermediate Examination shall be examined in English and any three of the following subjects —

- (1) Mathematics,
- (2) Chemistry,
- (3) Physics,
- (4) Biology,
- (5) Drawing
- (6) Economics,
- (7) Civics,
- (8) Modern History,
- (9) Ancient History
- (10) Geography
- (11) Logic,
- (12) A Modern Indian Language (Urdu or Hindi or Bengali or Marathi)

or

a Modern European Language (German or French),

(13) A Classical Language, viz., Sànskrit, Arabic, Persian, Latin, Greek or Hebrew.

6. Female candidates shall be permitted to offer an Indian Vernacular or a Modern European Language in place of a Classical Language.

7. Any candidate who has passed the Intermediate Examination with Science subjects may present himself for examination at any subsequent Intermediate Examination in one of the Classical Languages.

8. Any student who has passed the Intermediate Examination may appear, at any subsequent Intermediate Examination, for any or all of the Science subjects, provided he produces evidence satisfactory to the Board that he has completed the practical course prescribed for that Science subject.

CHAPTER XV.

COMMERCIAL DIPLOMA EXAMINATION.

1. Every candidate for admission to the Commercial Diploma Examination shall be required to have passed the Board's High School Examination, or an examination equivalent thereto, and to have, since the passing of this examination, prosecuted a regular course of study for not less than two academical years at an institution recognized by the Board for the Commercial Diploma Examination.

2. Inspecting officers of an Education department and teachers in schools and colleges recognized by the Board may be admitted to this examination as Private Candidates by special permission of the Board, provided that by the date of the examination not less than two academical years shall have elapsed since the date of their passing the High School Examination or an examination equivalent thereto.

3. The following are the subjects of examination. These may be arranged in alternative groups in such

manner and with such additions and alterations as the Board may from time to time decide —

- (1) Book keeping and Accountancy
- (2) Correspondence and Business Methods
- (3) The use of the Typewriter
- (4) Commercial History
- (5) Commercial Geography
- (6) Shorthand
- (7) Elements of Economics

CHAPTER XVI

ELECTION OF MEMBERS OF THE BOARD UNDER CLAUSES (c) AND (e) OF SUB-SECTION (1) OF SECTION 3 OF THE ACT

1 An election to fill any vacancy amongst members of the Board which is to be filled by election by Principals of Intermediate Colleges not maintained by Government or by Head Masters of High Schools not maintained by Government shall be held on such dates as the Chairman shall appoint

2 As soon as the Chairman has fixed the date for election the Secretary shall circulate a notice to every Principal or Head Master as the case may be inviting the nomination of a candidate other than himself for election within the time to be named in the notice. Such time shall be not less than a fortnight from the date of the issue of the notice. Such notice shall state the date and hour up to which nominations will be received by the Secretary at his office

3 Within the said time any Principal or Head Master as the case may be may propose a candidate other than himself for election as a member provided that such candidate is willing to stand for election. This proposal need not be seconded

4 On the expiration of the period fixed by the notice the Secretary shall after scrutiny of the nominations received

prepare and send to every voter a list of candidates who have been duly nominated, and have not withdrawn their candidature, together with a voting paper; and shall also specify the date fixed for election and the time on the said date up to which votes must be deposited with him:

Provided that if the number of such candidates is equal to the number of vacancies, all such candidates shall be deemed to be elected; and provided further that if the number of such candidates is less than the number of vacancies, all such candidates shall be deemed to be elected, and the Secretary shall invite fresh nominations for the remaining vacancy or vacancies.

5. The voting paper must be signed by the voter and shall be placed by him in a sealed cover superscribed "voting paper for the election of a member of the Board." He shall either deliver the cover in person to the Secretary at his office or send it by registered post to him. The voting paper must reach the Secretary before the expiry of the time fixed within which votes will be received. The Secretary shall deposit all covers containing voting papers in a safe in his office, until the time fixed by the Chairman for opening them, and for scrutinizing and counting the votes.

6. The Chairman shall appoint two members of the Board to act with the Secretary in the scrutiny and counting of the votes.

7. At the time fixed for opening the covers of the voting papers, the covers shall be opened by the Secretary in the presence of the said members, and the voting papers shall then be duly scrutinized.

8. Every Principal or Head Master, as the case may be, of an institution recognized by the Board shall be entitled to vote. Every voter shall have as many votes as there are vacancies to be filled: provided that no voter shall give more than one vote to any one candidate. If more than one vote be recorded by a voter for the same candidate, such votes shall be recognized as one vote. If the voter records more

votes than the vacancies his voting paper shall be declared invalid. The decision of the Secretary and the two members of the Board appointed to act with him shall be final as to the validity of any votes recorded. In case of difference of opinion between them the decision shall be in accordance with the opinion of the majority.

9 After the scrutiny is completed and the votes have been counted a statement shall be prepared for submission to the Chairman showing the number of valid votes received by each candidate. Such statement shall be signed by the Secretary and the said two members of the Board.

10 A candidate who has received the largest number of valid votes shall be deemed to be elected. In the event of two or more candidates obtaining an equal number of votes the election shall be determined by lot to be drawn in the presence of the Secretary and the two members of the Board and such manner as the Secretary may think fit.

11 The voting papers shall be preserved in the Secretary's office after the election till such time as the Chairman may direct.

CHAPTER XVII

MISCELLANEOUS

1 Detailed information regarding the examinations of the Board shall be given in the Prospectus of the Examinations which is issued annually by the Secretary of the Board and can be obtained from the Superintendent Government Press Allahabad on payment of the fixed price.

2 The rules of the Educational Code of the United Provinces of Agra and Oudh shall apply to all institutions recognized by the Board in so far as they are not inconsistent with these regulations.

3 The Board shall from time to time prepare such forms and registers as may be deemed necessary. The forms when so prepared shall be appended to these regulations and shall,

with such variations as circumstances may require, be used for the respective purposes therein mentioned.

4. The Board shall, for the purposes of a regular course of study, *prescribe the minimum number of meetings of a class that must be held in preparation for any of its examinations.**

5. Admission to any class or section of a class shall be limited to a maximum of 35 scholars in a class or section of a class of a High School, excluding primary classes, and 45 in a section of the Intermediate classes: provided that in the case of colleges which were affiliated up to the Intermediate standard by the Allahabad University the maximum in a section may be 60 for a period of five years.

* NOTE.—“The minimum number of days that recognized institutions including classes XI and XII will be open will be 120; for other recognized institutions the minimum number will be 200.

No candidate will be presented for an examination of the Board by a recognized institution unless he has been present (in classes IX and X in the case of the High School Examination and in classes XI and XII in the case of the Intermediate Examination) for at least 75 per cent. of the days the institution was open during two academical years.

In the case of failed and detained candidates the percentage will be calculated for one academical year only.

The head of a recognized institution may condone a deficiency of not more than six days. All cases in which this privilege is exercised will be reported to the Board.

The Board may, in very special cases, condone a deficiency of not more than 15 days.”

RULES OF THE EXAMINATIONS COMMITTEE

Rules for the scrutiny of marks and the checking of the results of failed candidates

1 Any candidate who has failed at an examination conducted by the Board may apply to the Secretary for the scrutiny of his marks and the re checking of his result

2 Such applications must be made within two months from the date of the publication of the result and must be forwarded by the head of the institution or other authority who forwarded the candidate's original application for permission to appear at the examination

3 All such applications must be accompanied by a copy of the Treasury chalan showing that the prescribed fee of Rs 10 has been paid In the case of candidates belonging to Indian States this fee must be sent in cash to the office of the Secretary

4 A candidate shall not be entitled to a refund of the fee unless as a result of the scrutiny he is declared successful in the examination

5 If on scrutiny and re-checking a failed candidate is found to have passed his name shall be at once published in the Gazette in a supplementary list In all other cases the result of the scrutiny shall be communicated to the candidate through the head of the institution or other forwarding authority as soon as possible

LIST OF EXAMINATION CENTRES.

List of Centres for the Intermediate Examination of 1924.

1. Meerut College, Meerut.
2. D. A.-V. Intermediate College, Dehra Dun.
3. St. John's College, Agra.
4. Bareilly College, Bareilly.
5. Government Intermediate College, Moradabad.
6. Government Intermediate College, Etawah.
7. Ewing Christian College, Allahabad
8. Kayastha Pathshala, Allahabad.
9. Government Intermediate College, Allahabad.
10. Government Intermediate College, Jhansi,
11. Queen's Intermediate College, Benares.
12. St. Andrew's College, Gorakhpur.
13. Government Jubilee Intermediate College, Lucknow.
14. Christian Intermediate College, Lucknow.
15. Government Intermediate College, Fyzabad.
16. Government Intermediate College, Almora.
17. Christ Church Intermediate College, Cawnpore.
18. Government College, Ajmer.
19. Christian College, Indore.
20. Maharaja's College, Jaipur.
21. Victoria College, Gwalior.
22. Morris College, Nagpur.
23. Robertson College, Jubbulpore. .

List of Centres for the Commercial Diploma Examination of 1924.

1. St. John's College, Agra.
2. S. D. College of Commerce, Cawnpore.
3. Christ Church College, Cawnpore.
4. Christian College, Lucknow.

List of Centres for the High School Examination of 1924 (School-Leaving Certificate model.)

1. D. A.-V. Intermediate College, Dehra Dun.
2. Government High School, Muzaffarnagar.

- 3 Government High School, Meerut
- 4 Church Mission High School, Meerut
- 5 Government High School, Bulandshahr
- 6 N. R. Edward Coronation Intermediate College
Khurja
7. Government High School Aligarh
- 8 Government High School Muttra
- 9 Government High School Agra
- 10 St. John's High School, Agra
- 11 Radhaswami Educational Institute, Agra
- 12 Government High School Mainpuri
- 13 Government High School, Bareilly
- 14 Government High School Bijnor
- 15 Government High School Budaun
- 16 Government Intermediate College Moradabad
- 17 Shyam Sunder Memorial Intermediate College
Chandausi
- 18 Government High School Shahjahanpur
- 19 Government High School Farrukhabad
- 20 Government High School Fatehgarh
- 21 Government Intermediate College Etawah
- 22 Government High School, Cawnpore
- 23 Government Intermediate College, Allahabad
- 24 Kayastha Pathshala Allahabad
- 25 Government Intermediate College Jhansi
- 26 MacDonnell High School Jhansi
- 27 Queen's Intermediate College Benares
- 28 London Mission High School Benares
- 29 Jai Narain's High School, Benares
- 30 Uday Pratap College and Hewett Kshattriya High
School, Benares
- 31 Government High School, Ballia
- 32 Government Jubilee High School, Gorakhpur
- 33 Wesley High School Azamgarh
- 34 Government High School Basti
- 35 Government High School Naini Tal

paper for the purpose of avoiding divergences between the Vernacular renderings—the same fee as for setting each of these papers.

II.—HIGH SCHOOL EXAMINATION.

	Rs.	a.	p.	
1. For setting a paper	30	0	0	
2. For marking each answer-paper	0	8	0	
3. For marking each Dictation and Shikast sheet.	0	4	0	
4. For Oral and Prac- tical Examina- tion per candi- date.	2	0	0	With a minimum of Rs. 20 for each school.
5. To the Head Exa- miner, in addi- tion to the fee for marking answer-papers or setting ques- tions.	40	0	0	On the same conditions as in the Intermedi- ate.
6. For translating a paper.	20	0	0	
7. To the Head Ex- aminer in Oral English and in Science Practi- cal for check- ing the work of assistant examiners.	10	0	0	Per hundred candidates.
8. For setting a paper in Vernacular Dictation and in Urdu Shikast.	15	0	0	

9. For the Examiner who collaborates with the translators (Urdu, Hindi and Bengali) of English III paper for the purpose of avoiding divergences between the Vernacular renderings—the same fee as for setting each of these papers

III.—COMMERCIAL DIPLOMA

	Rs	a.	p.	
1. For setting a paper per.	30	0	0	
2 For marking each answer-paper.	1	0	0	
3 For the practical examination per candidate.	1	0	0	With a minimum fee of Rs 30.

The Boards of Moderators for the Board's High School, Intermediate and Commercial Diploma Examinations of 1925.

(5) ENGLISH

1. A. A Simpson, Esq, M A. Principal, Training College, Allahabad
- 2 Rai Bahadur A C Mukerji, M.A, Secretary Board of High School and Intermediate Education, United Provinces, Allahabad
- 3 Dr. C A R. Janvier, M A. D D, Principal, Ewing Christian College, Allahabad (*to act as Convener*)

(2) HISTORY

1. The Rev J R Chitambar M A D D, Principal, Christian College, Lucknow
2. Dr S. A. Khan, M.A, D LITT, University Professor of Modern Indian History, Allahabad
3. Dr Tara Chand M.A, D.PHIL (Oxon), Principal, Kayastha Pathshala College, Allahabad (*to act as Contener*)

(3) PHYSICS

1. Dr. Wali Muhammad, M.A., Ph.D., Lucknow University, Lucknow.
2. W. G. P. Wall, Esq., M.Sc., Vice-Principal Training College, Allahabad.
3. Saligram Bhargava, Esq., M.Sc., University of Allahabad, Allahabad (*to act as Convener*)

(4) COMMERCE.

1. The Rev. L. Steele, F.I.C., Professor of Commerce, St. John's College, Agra.
2. E. M. Moffatt, Esq., M.A., Principal, Christian School of Commerce, Lucknow.
3. W. R. Watt, Esq., M.A., B.Sc., D.I.C., F.G.S., of the British India Corporation, Ltd., Cawnpore (*to act as Convener*).

(5) MATHEMATICS AND FURTHER MATHEMATICS.

1. A. C. Banerji, Esq., M.Sc., I.E.S., Reader, Allahabad University, Allahabad.
2. Dr. Zia-ud-din Ahmad, M.A., C.I.E., Pro-Vice-Chancellor, Aligarh Muslim University, Aligarh.
3. R. H. Moody, Esq., M.A., Offg. Assistant Director of Public Instruction, United Provinces, Allahabad (*to act as Convener*).

(6) SANSKRIT, HINDI, AND BENGALI (INDIAN VERNACULARS)

1. Pandit Kashi Rama, M.A., Inspector of Sanskrit Pathshalas, United Provinces, Benares
2. Pandit Gopi Nath Kaviraj, M.A., Librarian, Sanskrit Library, Benares.
3. Dr. P. K. Acharya, M.A., Ph.D., D. Litt., Professor, University of Allahabad, Allahabad (*to act as Convener*).

(7) ARABIC, PERSIAN, AND URDU (INDIAN VERNACULARS).

1. M. L. Zutshi, Esq., M.A., I.E.S., Principal, Government Jubilee Intermediate College, Lucknow.
2. Maulvi Mehdi Husain Nasiri, M.A., Head Master, Government High School, Bara Banki.

- 3 Zamin Ali, Esq M.A Professor, Ewing Christian College Allahabad (*to act as Convener*)

(8) BIOLOGY

- 1 Dr K. N. Bahl, M.Sc. D.Phil. D.Sc., Professor Lucknow University Lucknow
- 2 D. R. Bhattacharya Esq M.Sc. University of Allahabad Allahabad
- 3 Dr W. S. Dudgeon Ph.D. Ewing Christian College, Allahabad (*to act as Convener*)

(9) DOMESTIC SCIENCE

- 1 Mrs Saralabai Naik M.A. Head Mistress, Muslim Girls' School, Lucknow
- 2 Miss H. G. Stuart, M.A., Chief Inspectress of Girls' Schools United Provinces, Allahabad (*to act as Convener*)

(10) MANUAL TRAINING

- 1 A. A. Simpson Esq M.A., Principal, Training College, Allahabad.
- 2 G. F. Worthen Esq., Principal, Government Carpentry School, Allahabad (*to act as Convener*)

(11) CHEMISTRY

- 1 Dr N. G. Chatterji D.Sc. Assistant Chemist Government Technological Institute, Cawnpore
- 2 K. C. Bhattacharya Esq M.Sc. Professor Training College, Allahabad
- 3 Dr N. R. Dhar D.Sc. Dean of the Faculty of Science, University of Allahabad, Allahabad (*to act as Convener*)

(12) LOGIC

1. H. Malik Esq M.A. Professor St. John's College, Agra
- 2 Lala Diwan Chand, M.A. Principal, D.A.-V. College Cawnpore
- 3 P. S. Burrell Esq, M.A. Professor University of Allahabad Allahabad (*to act as Convener*).

(13) AGRICULTURAL BOTANY.

1. J. H. Mitter, Esq., M.A., Reader, University of Allahabad, Allahabad.
2. S. Higginbottom, Esq., Principal, Agricultural Institute, Naini, Allahabad.
3. Dr. W. S. Dudgeon, Ph.D., Professor, Ewing Christian College, Allahabad (*to act as Convener*).

(14) DRAWING.

1. Lala Wazir Sahai, Chief Engineer, Improvement Trust, Allahabad.
2. C. P. Verma, Esq., Assistant Teacher, Government Carpentry School, Allahabad.
3. G. F. Worthen, Esq., Principal, Government Carpentry School, Allahabad (*to act as Convener*).

(15) GREEK, LATIN, HEBREW, AND EUROPEAN MODERN LANGUAGES.

1. Dr. J. C. Weir, Barrister-at-Law, Principal, University School of Law, Allahabad.
2. W. E. Andrews, Esq., M.A., Head Master, Boys' High School, Allahabad.
3. Dr. C. A. R. Janvier, M.A., D.D., Principal, Ewing Christian College, Allahabad (*to act as Convener*).

(16) GEOGRAPHY.

1. H. Tinker, Esq., B.Sc., I.E.S., Principal, Training College, Agra.
2. W. E. Andrews, Esq., M.A., Head Master, Boys' High School, Allahabad.
3. Kaushal Kishore, Esq., B.A., L.T., Lecturer, Training College, Allahabad (*to act as Convener*).

(17) ECONOMICS.

1. Dr. L. K. Hyder, B.A., Ph.D., Professor, Aligarh Muslim University, Aligarh.
2. Mrs. Saralabai Naik, M.A., Head Mistress, Muslim Girls' School, Lucknow.
3. C. D. Thompson, Esq., M.A., Professor, Ewing Christian College, Allahabad (*to act as Convener*).

MISCELLANEOUS RULES (e.g., TRAVELLING ALLOWANCE RATES)

(Not yet framed and sanctioned.)

RULES FOR THE ADMISSION OF PRIVATE CANDIDATES TO THE BOARD'S EXAMINATIONS

1 Cases of Private Candidates below sixteen years of age should be carefully enquired into and considered before permission to appear is accorded

2 Permission to appear privately will be given to candidates who appeared at a previous High School Examination and have failed or to whom permission to appear privately has been given by the Board on previous occasion

3 Permission will not be granted to appear privately at the next ensuing High School or Intermediate Examination to candidates who have failed to obtain promotion into the highest class of any High School or Intermediate College (i.e. to those who have been detained in class IX or XI)

4 Only such Private Candidates as come under Regulation 17(c) Chapter XII shall ordinarily be allowed to take Science as one of the subjects for examination

5 Candidates residing outside the present territorial jurisdiction of the Board may be permitted to appear at the Board's Examinations if they submit an adequate explanation as to why they prefer to take the United Provinces Board's Examinations

6 Where an age limit or other restriction is imposed by the local University or Examining Authority such restriction shall be rigorously enforced before permission to appear privately at the Board's Examinations is granted to outside candidates

7 Private Candidates who may be residents of the Central Provinces but who appeared at an examination in a previous year from an institution outside the Central Provinces under the Board or its predecessor should be treated

as *not* belonging to the Central Provinces, provided they appear at a centre outside the Central Provinces.

8. Cases of Private Candidates appearing simultaneously for the examinations conducted by the Board and those conducted by the Benares Hindu University and the Aligarh Muslim University should be considered jointly by the authorities governing the examinations for such action as they deem necessary.

COURSES OF STUDIES HIGH SCHOOL EXAMINATION OF 1925

A — COMPULSORY SUBJECTS.

1 — ENGLISH

Three papers will be set—(1) on the prescribed course in prose and poetry with questions on grammar idiom etc (2) on unseen passages with questions on grammar and idiom (3) passages in an Indian vernacular for translation into English and a simple narrative or descriptive composition in English In the case of candidates who offer English as their mother tongue the third paper will consist of an essay to be written in English. There will be no oral test but there will be an examination in English dictation at each centre

Books prescribed —

Group A —

- 1 The Royal Crown Indian Reader published by Messrs Thomas Nelson & Sons (the poems given at the end of this book are excepted)
- 2 Tales of Indian Chivalry (the following stories excepted) —

(i) Saved from the Flames	} As in the edition of the book by Blackie & Son Limited
(ii) 'The Bride of the Padishah	

- 3 The Star of India Poetry Book from which the following poems are prescribed —

Lochinvar The Assyrian Came Down The Slave's
Dream, The Charge of the Light Brigade
Incident of the French Camp About Ben
Adhem A Farewell Home They Brought
her Warrior Dead Now Maximus I Will be
Worthy of It Forty Years On

or

Group B—

- 1 Holme's Literary Readings (the following lessons excepted) —

No 7 Louis XI at a Boar hunt

No. 12. Rural life in England.

No. 15. A Siege in the Olden Times.

No. 16. The Stage Coach.

No. 18. Under Ivan the Terrible.

2. Children of the Motherland, by Mrs. Besant (the following chapters excepted) :—

Part I { Chapter VIII—The founder of Sikhism.
Chapter X—Haridas.

3. School Favourites, from which the following poems are prescribed :—

Lochinvar ; The Poet's Song ; The Honest Man ;
The Plate of Gold ; The Deserted Village ;
To a Waterfowl ; To the Cuckoo (Wordsworth) ;
The Daffodils (Wordsworth) ; Alexander Selkirk ; A Psalm of Life ; Ring out Wild Bells ;
The Spacious Firmament.

Group C.—

1. Longmans' Matriculation Selections, from which only the following are prescribed :—

The Gorgon's Head ; The Miraculous Pitcher ;
The Pigmies ; The Derwish's Story ; History of the Poet Askar ; The Adventures of Three Shiprecked Boys on a Coral Island of the South Seas ; A Lesson of Faith ; The Law of Authority, and Obedience ; Red Snow ; An Adventurous Journey ; Early Rising ; Reading ; Rural Life in England ; From the Story of Aladdin or the Wonderful Lamp ;

(1) The African Magician.

(2) The Cave of the Lamp.

(3) The Genie of the Lamp.

(4) Aladdin's Marriage.

2. A Book of Golden Deeds, by Yonge, from which only the following stories are prescribed :—

How one Man has saved a Host.

The Pass of Thermopylae.

The Two Friends of Syracuse
 The Last Fight in the Coliseum
 Faithful till Death
 Children of Blentaran Ghyll
 Casal Noo
 The Mad Dog
 Monthly Prizes
 Discipline

- 3 Indian School Book of Verse from which the following poems are prescribed —

King Bruce The Slave's Dream The Lotus
 Pool The Plate of Gold The Honest Man
 The Toys Incident of the French Camp
 The Old Order Changeth I respond My
 Heart Leaps Up The Tiger

A B — The above ten books are arranged in three alternative groups A B and C and each school is at liberty to make its own selections taking any one of the Groups or choosing from the different Groups provided the choice includes one book of Prose Selections one book of Inspirational Stories and one book of Poetry

Books recommended for rapid reading and indicating the standard of the unseen passages to be set in the second paper —

In England by S G Dixon *Macmillan & Co* 1st annas
 Scott's Ivanhoe (abridged) by P Wren *Oxford University Press Hornby Road Bombay* Re 1

Stories from the Arabian Nights (Senior Series) *Longmans Green & Co* 8d

English Readings by E S Oakley Principal Ramsay College Almora Re 1-4

Longmans English Reading Books for Indian Students Books 1 and 2 *Longmans, Green & Co* Re 1 and Re 1-4

Tanglewood Tales by N Hawthorne *Longmans Green & Co* 1s Man and his Markets by L W Lyle *Macmillan & Co*

Hawthorne's Tanglewood Tales Parts 1 and 2 Edited by J H Fowler *Macmillan & Co* 1s each

A Naturalist on the Amazons, by H. W. Bates. Abridged and edited by F. A. Brnton. *Macmillan & Co.* 2s. 6d.

A Persian Hero. Edited by W. Grandy. *Macmillan & Co.* 1s.

Poetical Selections with Notes by P. C. Wren. *K. E. J. Cooper, Educational Publishers, Bombay.* 10 annas.

The Indian Treasury of English Verse. Edited with Introduction and Notes by S. G. Dunn. *Oxford University Press, Hornby Road, Bombay.*

The Cloister and the Hearth, by Charles Reade. Abridged and simplified by S. G. Dunn. *Oxford University Press, Hornby Road, Bombay.* Re. 1.

Pioneers of Progress, by H. Hayens. *Collins Clear Type Press, London.*

The Story of Francis Drake, by H. R. Ford. *Herbert Strang's Readers, Grade IV. Oxford University Press, Bombay.*

Our Great Adventure, by H. Strang. *Herbert Strang's Readers, Grade III.*

Cerdic the Saxon, by H. Strang & L. L. Weedon. *Herbert Strang's Readers, Grade III.*

<p><i>Oxford University Press, Bombay.</i></p>	{	<p>6d. 6d.</p>
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Prose Text for Junior Forms—2 volumes.

Robinson Crusoe, by D. Defoe, edited by C. L. Thomson. *Horace Marshall & Son, London.* 9d.

Rip Van Winkle, by Washington Irving. Edited by C. L. Thomson. *Horace Marshall & Son, London.* 9d.

Suhrah and Rustum, by J. C. Nesfield. *Eastern Fables and Folk Tales, Grade IV. Macmillan & Co.* 3½ annas.

Some Adventures of Hatim Tai, by J. C. Nesfield. *Eastern Fables and Folk Tales, Grade V. Macmillan & Co.* 4 annas.

Easier English Unseen, by Prof A C Mukerji M.A.
Published by Macmillan & Co, Ltd, Calcutta

Brave Deeds done in the Great War, re-told by A C Clayton. Published by the Christian Literature Society, Madras 3 annas.

Threads in the Web of Life, by M R Thomson, F A J Thomson Macmillan & Co 1s 6d

Threads in the Web of Life, by M R Thomson, E A. J. Thomson Macmillan & Co 12 annas

No 43—The Heroes or Greek Fairy Tales by C Kingsley *Children's Classics Intermediate II* Macmillan & Co. 3½d

No 44—The Little Duke, by C M Yonge *Children's Classics Intermediate II* Macmillan & Co 3½d

No 53—Drake and Raleigh *Children's Classics Senior* Macmillan & Co 4d.

No 54—Story of Little Nell, by C Dickens *Children's Classics Senior* Macmillan & Co 4d

Arabian Nights Entertainments (illustrated) Collin's Clear Type Press London 6d

Arnold's Junior Story Readers—2 volumes

No 19—Robinson Crusoe, Edward Arnold London. 2d

No 23—The Tempest, Edward Arnold London 2d
Longmans' Class Books of English Literature The King of the Golden River, by John Ruskin (New edition) Longmans, Green & Co, Bombay 6d

Hereward the Wake, by C Kingsley Abridged and simplified by H Martin Oxford University Press Bombay Re 1

The Prisoner of Zenda by Anthony Hope Abridged and simplified by E V Rieu Oxford University Press Bombay

The "A L" Bright Story Readers—No 201—The Coral Island, by R M Ballantyne E J Arnold & Son, Leeds 4d

The Wonderful Voyages of Gulliver. Re-told by Mrs. E. L. Elias. *George G. Harrap & Co., London.* 5 annas.

Hereward the Wake—Re-told for Boys and Girls (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Stories of Robin Hood—Told to the Children, by H. E. Marshall, with Pictures by A. S. Forest. *T. C. & E. C. Jack, London.* 15 annas.

For Classes IX and X.

The "A. L." Bright Story Reader. Grade S. No. 73. The Tower of London, by W. H. Ainsworth. Abridged by W. H. Webster. *E. J. Arnold & Son, Leeds* 7d.

For Class IX.

The "A. L." Bright Story Readers, Grade 1—No. 136—Caliph for a Day (Arabian Nights Entertainments), newly told by J. B. Marshall. *E. J. Arnold & Son, Leeds.* 5d.

For Class X.

Last of the Barons—Re-told for Boys and Girls (Historical Romances Series), by C. E. Smith. *T. C. & E. C. Jack, London.* 9d.

Forest Days—Re-told for Boys and Girls (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Creçy and Poitiers—Re-told for Children (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Ivanhoe—Re-told for Children (Historical Romances Series), by A. F. Jackson. *T. C. & E. C. Jack, London.* 9d.

Stories from Tagore. *Macmillan & Co.* Re. 1.

II.—MATHEMATICS.

There will be two papers, each of two hours and a half—one in Arithmetic and Algebra and the other in Geometry and Mensuration.

(a) SYLLABUS.

1. *Arithmetic.*—Notation and numeration. The four simple rules. The four compound rules in British and

Indian money and in Indian weights and measures in common use in the United Provinces British and Metric systems of measuring length area volumes capacity and weight Factors Prime numbers GCM or HCF by factors LCM Vulgar fractions Vulgar fractions of concrete quantities Practical Decimal fractions (excluding the theory of recurring decimals) Decmal fractions of concrete quantities Square root Ratio Simple and compound proportion Proportional parts. Average Decimal approximations (including approximate value of recurring decimals) Contracted methods in the four rules in decimals Percentages Profit and loss Simple and compound interest Present worth and true discount Problems (the use of algebraical equations is allowed in solving problems)

2 *Algebra*—The four simple rules Fractions Greatest common measure Least common multiple Factors Proportions Simple equations of one or more unknown quantities with easy problems Square root Quadratic equations of one unknown quantity with easy problems Graphs of statistics Graphs of straight lines Graphical solution of linear simultaneous equations Simple graphical problems

N.B.—Candidates will be provided with squared paper if necessary

3 *Geometry*—The course includes both practical and theoretical Geometry and every candidate will be expected to answer questions in both branches of the subject The questions on Practical Geometry will be set on the constructions contained in the annexed schedule A together with easy extensions of them All figures should be drawn accurately for which purpose every candidate should provide himself with a graduated scale, a pair of set squares, a protractor a compass and a hard pencil The questions on theoretical Geometry will consist of theorems contained in the annexed schedule B, together with easy extensions and deductions with numerical illustrations Any proof of

a proposition will be accepted which appears to the examiners to form part of a systematic treatment of the subject; the order in which the theorems are stated in schedule B is not imposed as the sequence of their treatment. In the proof of the theorems hypothetical constructions will be permitted.

N B.—Candidates will be provided with squared paper, if necessary.

SCHEDULE A.

Bisection of angles and of straight lines.

Construction of perpendiculars to straight lines.

Construction of an angle equal to a given angle.

Construction of parallels to a given straight line.

Simple cases of the construction from sufficient data of triangles and quadrilaterals.

Division of straight lines into a given number of equal parts.

Construction of a triangle equal in area to a given polygon.

Construction of tangents to a circle and of common tangents to two circles.

Simple cases of the construction of circles from sufficient data.

Construction of rectangle equal to a given polygon.

Construction of a rectangle on a given base equal in area to given rectangle.

Construction of a square equal to a given rectangle.

Construction of a rectangle of given area the sum or difference of whose sides is given. (These constructions should be based on the propositions on the Geometry of the circle.)

Construction of a fourth proportional to three given straight lines and a mean proportional to two given straight lines.

Construction of regular figures of 3, 4, 6 or 8 sides in or about a given circle.

SCHEDULE B

Angles at a point

If a straight line stands on another straight line the sum of the two angles so formed is equal to two right angles and the converse

If two straight lines intersect the vertically opposite angles are equal

Parallel straight lines

When a straight line cuts two other straight lines if—

- (i) a pair of alternate angles are equal or
- (ii) a pair of corresponding angles are equal or
- (iii) a pair of interior angles on the same side of the cutting line are together equal to two right angles then the two straight lines are parallel, and the converse

Straight lines which are parallel to the same straight line are parallel to one another

Triangles and rectilineal figures

The sum of the angles of a triangle is equal to two right angles if the sides of a convex polygon are produced in order the sum of the angles so formed is equal to four right angles

If two triangles have two sides of the one equal to two sides of the other each to each and also the angles contained by these sides equal the triangles are congruent

If two triangles have two angles of the one equal to two angles of the other each to each and also one side of the one equal to the corresponding side of the other the triangles are congruent

If two sides of a triangle are equal the angles opposite to these sides are equal and the converse.

If two triangles have the three sides of the one equal to the three sides of the other each to each the triangles are congruent.

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right angle, and the angle in a segment less than a semi-circle is greater than a right angle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary ; and the converse.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other.

4. *Mensuration*.—Areas of rectangle, circle, triangle and (after measurement) of any rectilineal figure. Length of the circumference of a circle.

The following books are suggested :—

For *Algebra*—

ROSS: *Elementary Algebra, Part I, Longmans, Green & Co.*

BAKER and BOURNE: *Elementary Algebra, Part I. G. Bell & Sons.*

H. S. HALL: *School Algebra, Messrs. Macmillan & Co.*

In *Geometry*—

HALL and STEVENS: *A School Geometry, Parts I—IV. Messrs. Macmillan & Co.*

III.—HISTORY AND GEOGRAPHY.

There will be two papers, each of three hours—one in History, and the other in Geography.

History.

Syllabus.—Outlines of Indian History from the earliest time to the present day and Outlines of English History from 1485.

The following books indicate the scope and standard of knowledge required —

Indian History

V A Smith — Oxford Student's History of India
Oxford University Press Calcutta

Thompson — History of India (Christian Literature Society, Madras)

Har Prasad Shastri History of India (Blackie)

Hoernle and Stark A History of India (Orissa Mission Press, Cutack)

Students' Atlas of Indian History (Macmillan)

English History

J S Lay The English People (Macmillan)

Oman Junior History of England (Arnold)

Geography

A — SYLLABUS

Geography — Physical Shape of the earth, rotation and revolution, the seasons, the solar system latitude and longitude, time problems surface of the earth zones volcanoes, earthquakes, climate, rainfall the monsoons, rivers and their work, winds tides and currents

Geography of the world in outline

Geography of the Indian Empire

(b) Books recommended for use are—

A Junior Geography of India Burma and Ceylon by
C Morrison T Nelson & Sons London 12 annas

A New Geography of the Indian Empire and Ceylon, by
C Morrison T Nelson & Sons London 2nd edition
Rs 1

A Junior Course of Comparative Geography in one volume and in Parts 1 to 6 separately, P H L Estrange
George Phillip & Son 32 Fleet Street, London, E C
New edition 1d for each part, and 3s 6d for the whole or the complete volume

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right angle, and the angle in a segment less than a semi-circle is greater than a right angle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary ; and the converse.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other.

4. *Mensuration*.—Areas of rectangle, circle, triangle and (after measurement) of any rectilineal figure. Length of the circumference of a circle.

The following books are suggested :—

For *Algebra*—

ROSS: *Elementary Algebra, Part I, Longmans, Green & Co.*

BAKER and BOURNE: *Elementary Algebra, Part I. G. Bell & Sons.*

H. S. HALL: *School Algebra, Messrs. Macmillan & Co.*

In *Geometry*—

HALL and STEVENS: *A School Geometry, Parts I—IV. Messrs. Macmillan & Co.*

III.—HISTORY AND GEOGRAPHY.

There will be two papers, each of three hours—one in History, and the other in Geography.

History.

Syllabus.—Outlines of Indian History from the earliest time to the present day and Outlines of English History from 1485.

The following books indicate the scope and standard of knowledge required —

Indian History

V. A. Smith.—Oxford Student's History of India
Oxford University Press, Calcutta

Thompson.—History of India (Christian Literature Society, Madras)

Har Prasad Shastri . History of India (Blackie)

Hoernle and Stark . A History of India (Orissa Mission Press, Cuttack)

Students' Atlas of Indian History (Macmillan).

English History.

J. S. Lay The English People (Macmillan)

Oman . Junior History of England (Arnold)

Geography.

A — SYLLABUS

Geography —Physical Shape of the earth, rotation and revolution, the seasons, the solar system, latitude and longitude, time problems, surface of the earth zones, volcanoes, earthquakes, climate, rainfall the monsoons, rivers and their work, winds, tides and currents

Geography of the world in outline

Geography of the Indian Empire

(b) Books recommended for use are—

A Junior Geography of India, Burma and Ceylon, by C. Morrison. T. Nelson & Sons London 12 annas

A New Geography of the Indian Empire and Ceylon, by C Morrison T. Nelson & Sons, London 2nd edition. Re 1.

A Junior Course of Comparative Geography, in one volume and in Parts 1 to 6 separately, P. H L'Estrange. George Phillip & Son, 32, Fleet Street, London, E C New edition. 1d for each part, and 3s. 6d. for the whole or the complete volume

Longmans' Geographical Series for India, Book I. The World in Outline with Fuller Treatment of India. Longmans, Green & Co. 10 annas.

A Geography of India, by G. Patterson. *The Christian Literature Society for India, London, W. C.* Re. 1.

Murdoch's (J.) *Manual of Geography*, revised and enlarged, by G. Patterson. *The Christian Literature Society for India, London, W. C.* Re. 1.

Earth Knowledge, volume 3. *McDougall's Educational Company, London.*

The World in Outline, by Mackenzie and Tydeman. *Indian Press, Allahabad.* Re. 1.

Geography for Senior Classes, by E. Marsden. *Macmillan & Co., Bombay.* Rs. 2-8-0.

Macmillan's Geographical Exercise Book, India, with questions, by B. C. Wallis. 8d. W. and A. K. Johnston's Geographical Exercise Book for Indian Students with questions, by B. C. Wallis 4 annas.

Map Studies for Schools, India, by J. E. Perkinson. *K. E. J. Cooper, Bombay.* 10 annas.

*Books recommended for the use of teachers:—

Longmans' Geographical Series for India, Book II—The World, with fuller treatment of India. New edition, revised and enlarged (1911). *Longmans, Green & Co.* Re. 1-8-0.

McDougall's Short Commercial Geography of the British Empire. *McDougall's Educational Co., London.* 6d.

IV.—VERNACULAR (HINDI, URDU, BENGALI, ETC.).

There will be two papers each of two hours: one paper will be set in Prose and Unseen, and the other in Poetry and Composition. Grammatical questions will be set in

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both the papers. The ability of the Urdu candidates to read *shikṣā* will be tested by means of a paper set for the purpose.

The following are the text books prescribed —

Hindi

1 Ram Charita Manasa, abridged, by Shyam Sunder Das

2 Abhigyan Shakuntala Natak, by Raja Lakshman Sinha (in prose and verse)

3 Sankshipt Hindi Vyākarna compiled by Pandit Kamta Prasad and published by Nagri Pracharini Sabha Benares, or Hindi Grammar by Pandit Madho Prasad Pathak

Urdu

1 Guldasata-i-Adab, by P. Manohar Lal Zutshi (Indian Press, Allahabad)

Tuzuk-i-Urdu, by Muhammad Ismail (Nawal Kishore Press)

2 Sarmaya-i-Urdu by M. Ahmad Ashraf Retired Head Master, Government High School Allahabad

3 Qawaid Urdu for High Schools by Maulvi Jamal Uddin Haider.

For *Shikṣā*, the book recommended is—

Inshā-i-Jadid (Majma-i-Kigzāt-i-Karrawai) Part II by M. Asmat Ullah 2nd Master Government High School Meerut. *Lala Kedar Nath, Publisher, Meerut* 5 annas.

Bengali

Sitar Vanabasa by Pandit Ishwar Chandra Vidyāsagar (Prose)

Meghnad-Badha by M. Madhusudan Datta I and II Cantos (Poetry)

Minabharatiya Nibhanta in Bengali Parts I and II, by Rajendra Nath Kanjilal, 3 Madan Mittra Lane, Calcutta. *Rajendra Chandra Ghosh, 35, Cornwallis Street Calcutta* 12 annas each.

Bengali Vyakarana, by Kali Prasanna Vidyaratna (Vyakarana). *Guru Das Library, 201, Cornwallis Street, Calcutta.* 8 annas.

Parbat.

Mahabharata (Gadiparva, Striparva, Sauptikaparva),—Prabhakari Company, Benares.

Sankshipta Ramayan, published by the Superintendent Education department, Nepal.

Nepali Grammar, by Pts. Parasmani Pradhan and Sheshmani Pradhan, Kalimpong.

Marathi.

Prose—*Gadyaratnamala*, by S. G. Bapat.

Poetry—(1) Moropant's Kēkāvālī, by Professor Sridhar Vishnu Paranjpay, published in the Nirnay Sagar Press, Bombay, and

(2) Raghunath Pandit's Naladamayantisvayambarakhyāna, only 224 verses, as published in the Navanit by the late Mr. Parasharampant Godbole.

Grammar—R. B. Joshi's *Marathi Grammar*—Praudhabodha.

Recommended for the use of teachers—*Marathi Grammar*, by M. K. Damle. (Published by the Induprakash, Bombay.)

Gujrati.

Karanghelo, by Nand Shankar.

Kareya-Dehan, about 140 pages of the portion containing Nalakhyaana.

Grammar—Taylor's *Gujrati Grammar*.

Uriya.

Prabandhamālā by M. S. Rao, pages 1 to 115.

Jagannathdas—Bhagabata, XI Skandha.

Telugu.

Prose—*Nitichendica Sandhi*, by K. Veersalingam.

Poetry—*Phaskarsata Kamu*. The whole.

Tamil.

Tamil Text book (for Group C) published by order of the D. P. I., Madras, by S. P. C. K. Press, Vepery, Madras.

B—OPTIONAL SUBJECTS.

I.—CLASSICAL LANGUAGES.

There will be two papers each of three hours, the first paper will be in the prescribed texts and grammar, and the second paper in Translation Composition and Unseen.

SYLLABUS.

(a) Sanskrit

Paper I (a) Text books (1) *Mitra—labha* (*Hitopadesha*) and (ii) *Bhartrihari—Nitishataka*

NOTE—The students should be taught to understand the passages with context and the substance and to learn the paraphrase, i.e. the synonyms of the words in Sanskrit, analysis of the compounds, Sandhis, and the prose order of the poetry pieces.

(b) *Grammar*.—Simple Sandhis Declension of nouns and pronouns of frequent occurrence conjugation of verbs of frequent occurrence but omitting those of adadi (अदादि) rudhadi (रुधादि) juhotyadi (जुहोत्यादि) and kryadi (क्रादि) classes, in नद्, लोट्, लङ्, विधिविभक्त्वं and लृट् only.

Books recommended in grammar—

1. First Book of Sanskrit by Bhankar
2. R. K. Banerjee's Sanskrit grammar
3. Sanskrit Prathamika Pasaka (संस्कृत प्रथम पुस्तक) by Professor Ram Bihari Lal, D. A. V. College Cawnpore
4. Uppakramanika (उपक्रमनिका) printed by Khadg-vilas Press, Banakipore.

A.B—Questions on Grammar etc. naïvely should be asked from the prescribed books as far as possible, and should carry about one third of the total marks

Paper II.—Unseen and Translation :—

- (a) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate; (b) substance of easy passages from the abovementioned books to be expressed in English; and (c) translation of easy English prose sentences into Sanskrit.

Book recommended for rapid reading—

Kusuma mala (part I) by V. S. Apte.

Book recommended for composition—

Sanskrit Teacher by K. P. Trivedi.

N.B.—Sanskrit must be written in the Devanagari character.

(b) Arabic.*Prescribed course—*

Majani Adab, by Louis Cheikho, Vol. I, pages 7—23 and 41—152. Published by Imprimerie Catholique, Beyrout, Syria, sold by the Book Dépôt at Aligarh: or Sal'um-ul-Adab (published by Rai Saheb Munshi Gulab Singh, Mufid-i-A'm Press, Lahore) Grammar—Mabadiul-Arabia مبادئ العربية Urdu, edited by Maulvi Izzat Ullah (the Majidi Press, Cawnpore.

NOTE.—Arabic words must be written in the Arabic character.

* Book recommended for the use of teachers—

Anglo-Arabic Stories, by Maulvi Abdul Bashir Muhammad Osman Ghani, A. S. Ahmad-ur-Rahman, 41, Kalta Bazar, Dacca. 10 annas.

(c) Persian.*Prescribed course—***(1) Text—**

Prose.—Gulistan, دیباچه and جدال سعدی (excluding from

یغنیہ ذلک من وجہ العنائد to من عمان انکار کہ تہذیب

*In connection with the books recommended for the use of teachers in this Prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

enable them to explain all Arabic words and phrases which may occur in the text books and in the books recommended for rapid reading in Persian.

NOTE.—Persian words must be written in the Persian character.

(d) Latin.

Two papers will be set as follows :—

Paper I.—Prescribed prose and poetry.

Text books.

Prose.—Caesar de Bello Gallico, Books 1 and 2.

Poetry.—Virgil, Aeneid, Books 2 and 3.

Paper II.—Grammar, Composition, and unseen.

Grammar recommended.—Gildersleeve's Latin Grammar.

Paper I shall contain passages from the prescribed books together with questions relating to subject matter and language.

Paper II shall include (a) questions on grammar, (b) sentences for translation into Latin, (c) an easy continuous passage for translation into Latin, and (d) an unseen passage for translation into English.

II—COMMERCE.

The examination will consist of two papers :—(a) one paper on Business, or Commercial Practice and (b) one paper on either (i) typewriting or (ii) book-keeping.

NOTE.—(i) In typewriting the paper of 1½ hours' duration.

(2) Book-keeping paper of two and a half hours' duration.

The following is the Syllabus in each subject :—

Business or Commercial practice.—Office routine—Drafting simple business and official letters, preparation of telegrams and cablegrams, including a knowledge of simple codes. Docketing, filing, copying and despatch of letters. Ordinary postal regulations, use of postal forms, such as Money Order, V. P. P. Acknowledgment, Registration, and Insurance forms. Post Office Savings Bank Accounts. Telephone. Simple duplicating and other labour-saving appliances.

Meaning of ordinary commercial terms and abbreviations Preparation of simple commercial documents such as indents invoices bills of exchange promissory notes statements of account Nature and use of Bills of Lading and railway receipts Simple banking transactions involving the nature and use of cheques, deposit slips and pass books

Time allowed—2½ hours

Typewriting—There will be no practical examination on the typewriter but only a theory paper involving questions on—

- (a) the mechanical construction of the typewriter
- (b) care of the machine
- (c) display of matter including headings and titles centering contractions and abbreviations hyphenation, punctuation stencil cutting, adaptation of one or more characters to represent characters not given on the keyboard corrections erasures

Time allowed—1½ hours

There will also be a second paper consisting of type copying of three manuscripts

Time allowed—1 hour

Book keeping—Elementary theory of double entry book-keeping Preparation and keeping of the Cash Book Bought and Sold Books Returns Books, Bills Receivable and Bills Payable Books Journal and Ledger recording therein simple transactions involving purchases and sales bills receivable and payable real personal and nominal accounts such as rent salaries interest, discounts bad debts, and depreciation Drawing up the Trial Balance Closing the Ledger, and preparing Trading and Profit and Loss accounts, and balance sheet Simple banking transactions involving the nature and use of cheques Deposit

value. Practical work should be co-ordinated with the theoretical work and follow it consecutively as far as possible. The practical experiment should be performed individually so far as can be arranged.

The use of stencils in answering question papers in science is not allowed.

Four years' course in Science

N.B.—Experiments marked by an asterisk in the syllabus for classes VII and VIII may be done in class IX if classes VII and VIII are large. Facilities for practical work limited or the time table in Science restricted to only 3 periods of $\frac{1}{2}$ hour each per week.

1st YEAR

(Class VII)

Subject	Detailed syllabus	List of experiments which should be done by the pupils
Length	Units in British system and Metric system. Calculations. Measurement of straight lines. Measurement of curved lines. Rules for the length of the circumference of a circle.	1 Find the number of cm in 1 in h. 2 * Measure the circumference and diameter of a circle and so find the value of π .
Area	Unit in British system and Metric system. Rule for area of a rectangle. Calculations. Use of squared paper to find the area of figures other than rectangles. Formula for the area of a triangle.	3 By squared paper prove the formula for the area of a rectangle. 4 * By squared paper find the area of a triangle and irregular figure.
Volume	Units in British and Metric system. Rule for the volume of a rectangular solid. Calculations. The graduated cylinder. The Burette.	5 Use of graduated cylinder to find the volume of large solids and the capacity of large vessels. 6 Use of burettes to find the volumes of small solids and the capacities of small bottles.
Weight	Distinction between mass and weight. Units in British system and Metric system. The balance.	7 Simple exercises in weighing e.g. find the number of gm in 1 ounce.

Subject.	Detailed syllabus	List of experiments which should be done by the pupil
Density ...	Definition	8. Find the density of solids, being given rectangular pieces.
	Calculation	9. * Find the density of common liquids by means of burette.
Heat ..	Expansion of solids, liquids, and gases by heat. Construction of a thermometer. Explanation of Centigrade thermometer	10. Simple observations with the thermometer, e.g., find the boiling points of water and alcohol.

SECOND YEAR.

(Class VIII.)

Subject.	Detailed syllabus.	List of experiments which should be done by the pupils.
Heat ..	Comparison of Cent grade and * Fahrenheit thermometers. Calculations.	1. Observation with thermometer, e.g., cooling curve for water
Area ..	Formula for the area of a circle. Calculations.	2. By means of squared paper or by weighing find the ratio of the area of a circle to the area of the square on its radius
Volume ..	* Formulae for the volumes of sphere and cylinder. * Calculations	3. * By weighing "similar" cubes, spheres, and cylinders verify the formulae for the volumes of cylinder and sphere (The experiment may also be done, but less accurately by the displacement of water)
Heat ..	Melting point of ice. Melting point of any solid. Conduction of heat. Comparison of the conducting powers of common solids. Convection of heat. Radiation of heat	4. Find the melting point of paraffin, wax, or naphthalene
Hydrostatics	Relative density (or specific gravity). Principle of Archimedes. Determination of relative density by Archimedes' Principle. Calculations.	Determination by Archimedes' Principle of the relative density of— 5 (a) bodies which float in water. 6 (b) bodies which sink in water.

Subject	Detailed syllabus	List of experiments which should be done by the pupils
Chemistry ..	<p>Definitions and common properties</p> <p>Solubility Influence of temperature on solubility</p> <p>Crystallization Water of crystallization</p> <p>Mechanical mixtures</p> <p>Chemical compounds physical and chemical change</p>	<p>Measurement of relative hardness of different substances</p> <p>To find out which of certain substances are soluble in water e.g., lime salt, marble in alcohol e.g., wax, salt</p> <p>From solution From molten sulphur</p> <p>Filtration, separation of sand and salt Separation of iron and sulphur (magnet) Charcoal and nitre by solution and filtration</p> <p>Heating salt sugar sand etc charcoal and nitre Iron and sulphur Iron in solution of copper sulphate</p>

THIRD AND FOURTH YEARS.

(Classes IX and X)

Classes IX and X will have six periods of Science per week—for at least 27 working weeks, this gives a total of 162 periods in class IX

Subject	Detailed syllabus	Minimum list of experiments which should be done by the pupils individually
Heat	<p>Unit of heat Quantity of heat</p> <p>Calculations Specific heat Latent heat</p> <p>Latent heat of vaporization</p>	<p>1 Determination of specific heat of solids</p> <p>2 Latent heat of fusion of ice</p> <p>Latent heat of vaporization of water</p>

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
Chemistry	Effect of dissolved substances on boiling point.	To find B.P. of solutions of calcium chloride. Solution of differing strengths.
	Distillation. Purification of water.	To find tube, bore corks, set up apparatus for distillation and find B. P. before and after distillation.
	Elements and compounds	To examine the elements sulphur, copper, lead. Mercury, zinc. To examine the compounds, ferrous sulphate, copper sulphate, lead oxide; mercury oxide and regain the elements.
	Metals and non-metals, properties:—	
	The atmosphere. Combustion, active and inactive air.	Burning a candle in a bell jar. Repeat with sulphur, phosphorus To measure the proportion of air used up when a substance burns in air.
	Rusting	To show iron will not rust in dry air. To measure the air used up when iron rusts in air.
	Increase in mass in rusting and burning.	To show increase in mass when magnesium and iron burn in air and when iron rusts in air—when a candle burns in air.
	Explanation of above. Introduction of terms "Oxygen" and "Nitrogen":—	
	Oxygen ..	Preparation from mercuric oxide and potassium chlorate in small quantities and on large scale from manganese dioxide and potassium chlorate, its properties. To show loss in mass when potassium chlorate is heated.
	Metals and non-metals. Oxide.	Their basic and acidic properties.

Subject	Detailed syllabus	Minimum list of experiments which should be done by the pupils individually
	<p>Nitrogen: Its use in the atmosphere</p> <p>Water not an element ..</p> <p>Résumé of above Introduction of term "Hydrogen"</p> <p>Preparation of Hydrogen and its properties</p> <p>Carbon .</p> <p>Demonstration lesson Carbonic acid gas Chalk</p> <p>Résumé of above Animal and plant life</p>	<p>Properties, to find accurately percentage of nitrogen in air by pyrogallic acid [Lecture room.]</p> <p>Action of sodium on water Action of magnesium on boiling water Action of steam on iron Examination of oxide of iron formed Increase in mass Comparison with iron rust</p> <p>Formation of zinc and sulphuric acid</p> <p>What happens to the zinc? What happens when hydrogen burns in air? Exposure of hydrogen with air</p> <p>Electrolysis of water and its composition by volume Action of hydrogen on copper oxide when heated [Lecture room]</p> <p>Properties and varieties</p> <p>Formation when carbon or carbonaceous matter burns in air</p> <p>Effects of acids on chalk Examination of the gas Properties of gas obtained by effect of strongly heating chalk Examination of lime Difference between properties of chalk and lime Loss in mass on heating chalk</p> <p>Formation of oxygen by plants</p>

(b) Books recommended for use in Chemistry—

Chemistry for Indian Schools for Standards IX and X, by E G Hill Professor of Chemistry, Muir Central College Allahabad *Indian Press Allahabad* Re 1

Physics and Chemistry for Secondary Schools in India, Parts III and IV in one volume by E G Hill and A H Mackenzie *Macmillan & Co* 1918 Re. 1 8-0

* Books recommended for the use of teachers—

Practical Chemistry volumes 1 and 2 for Standard VII of High Schools in the Bombay Presidency by H E H Pratt } *Oxford University Press Bombay*
6 annas

The following books in Physics are recommended for teachers' reference library —

A Class book of Physics by R A Gregory and H E Hadley *Macmillan & Co* *Lessons in Science* by R A Gregory and A T Simmons *Macmillan & Co* Re 1-8 0

A Course of Physics by C H Draper
Popular and Natural Philosophy by Ganot

IV—AGRICULTURE (AGRICULTURAL BOTANY)

The examination will consist of two papers of three hours each and a practical test. The first paper will be on the subject matter in the syllabus up to and including sub-section 5—*Soil*, and the second paper on the remaining portion.

1. TYPICAL PLANT MUSTARD or BEAN. Students should be supplied with entire plants dug up and the roots freed from soil by washing.

A—The root arrangement of branches origin of rootlets root hairs root cap, the woody centre as seen in cross-sections.

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B.—*The shoot*: cylindrical stem; nodes and internodes; apex and bud; appendages of two kinds; origin of appendages, woody centre as shown in the cross-section.

C.—*The flower*: the parts: successive appearance in the inflorescence.

D.—*The fruit*: development from the pistil; ripening accompanied by withering of the plant.

2. THE SEED: BEAN—

A.—Position in, and attachment to, the walls of the fruits.

B.—Parts of the seed dissected out.

C.—Comparison with the seed of the gourd.

3. THE SEED and GERMINATION—

A.—*Conditions necessary for germination*:—

(1) Water—Absorption; by dead and live seeds; absorption from water, moist earth, damp air: amount of absorption; method of absorption.

(2) Air and oxygen—necessity of air; method of entry into embryo.

(3) Heat—comparison of germination at different seasons.

(4) Light—not necessary for germination.

B.—*Respiration of germinating seeds*: absorption of oxygen; evolution of carbon dioxide; loss of weight.

C.—*Heat produced by germination*.

D.—*Food material stored in the seed*: starch; sugar; gluten; oil; digestion of these and the absorption by the embryo; sufficiency of these for the support of the embryo during germination only.

E.—*Emergence of the seedling*: difference in behaviour of the cotyledons.

4 *Roots and their work* —

A — Tap and the true root—adventitious roots, cuttings and layers

B — Direction of growth—tap secondary and tertiary roots; influence of moisture

C — Functions of the root —

(1) Absorption of water root pressure

(2) Absorption of soluble matter from the soil

(3) Fixation of the plant

5 *Soil* — What is soil? Different kinds of soil recognition of different kinds of soils in the field and from samples in the class-room formation of soils weathering, local and transported soils (To illustrate the transportation of soils the pupils should be made familiar with the formation of the soils of the Gangetic plain) Effect of tillage

6 *Water in soil*. Capillary movement of water in soils conservation of moisture loss by evaporation behaviour of different soils in relation to water relations of the ordinary operations of cultivation to the conservation of moisture effect of tillage upon the conservation of moisture and on the supply of plant food other methods to be followed for the conservation of moisture in soils wells, percolation and spring the principles underlying their construction different water requirements of the various crops local methods of irrigation, downward movement of water drainage

7 *Rainfall*.—Rainfall of the United Provinces its distribution as affecting the system of cropping

8 *Leaves and their work* —

A — Structure of the leaf—

(1) Parts of the leaf

(2) Shapes simple and compound

(3) Veins connected through mid rib and petiole with the wood of the stem.

B.—Function of the leaf—

- (1) Formation of starch in presence of light.
- (2) Absorption of carbon-dioxide.
- (3) Re-absorption of starch.
- (4) Respiration carbon-dioxide evolved.
- (5) Transpiration.

C.—Successive appearance of leaves, leaf-fall.

9. *Stems and their work :—*

A.—Forms of stems—length of internode, erect, climbing, and underground stems.

B.—Structure of stems—radial or scattered bundles; secondary thickening annual rings; bark.

C.—Elongation of stems—apical growth; buds

D.—Branching of stems—position of the lateral buds.

E.—Function of stems—arrangement of leaves, passage of food material and water.

10. *Flowers and their work :—*

A.—Essential and non-essential organs.

B.—Pollination.

C.—Self and cross-fertilization; monoecism, dioecism, transport of pollen.

D.—Function of the non-essential organs.

E.—Growth of the ovule.

13 *Interdependence of plants and their surroundings* as illustrated by the local crops and the climate of the district

NOTE.—Candidates will undergo a course of practical work in connection with the above syllabus.

Note for the guidance of teachers in the carrying out of the practical work in connection with the syllabus in Agricultural Botany.

All specimens required for demonstration purposes should be obtained before each lesson period, so that the pupil's time is always properly utilized during each lesson.

A special note-book should be kept by each pupil for practical work, neat sketches should be made and concise descriptions entered therein. These note-books must be kept properly up to date and ready for inspection by the Inspector or Examiner.

As a general rule, the pupils are to be supplied with individual specimens for personal examination and description. This particularly applies to paragraphs 1 and 2 (*vide* syllabus)

Caver's Plant Biology published by Messrs W B Clive, University Tutorial Press, 25, High Street, New Oxford Street, London, W.C., is recommended for the teacher only, and the numbers attached to the experiments detailed below which are to be performed by the pupils, refer to the number of the experiments given in that book

8A —(i) *Vide* syllabus, experiments 20, 22, 28—30, 40, 43, 50.

(ii) *Vide* syllabus, experiments 54, 77, 79.

(iii) " " 96, 97

3B — " " 80—82

3C.— " " 84.

3D.— " " 103—108, 109,
111, 120, 121,
143, 144

3E —Compare emergence of broad bean, *desi* sem. and castor (or cotton) plant.

4B.—Experiment 165—167, 169—172.

4C.—(i) Experiments 203, 205. For demonstration only 206—208.

(ii) Experiments „ For demonstration only 210.

8A.—(iii) Experiments 224, 225, 226, 227.

8B.— (i) „ 230, 232, 234.

(ii) „ 248, 250, 251.

(iii) „ 241.

(iv) „ 276, 277.

(v) „ 278, 284.

Throughout, and especially in such sections as no. 11, the teacher should only explain examples of common plants growing wild or cultivated in the neighbourhood of the school.

When section 4C is reached, lessons in section 5 should be started. One-half of the lessons in each week to be devoted to sections 5, 6, and 7, until that portion of the syllabus which deals with certain elementary principles of agriculture is completed; while lessons on sections 8, 9, etc., are to follow immediately on the completion of 4C.

The following is the list of apparatus, etc., showing the minimum requirements for the above syllabus.

NOTE.—This list has been prepared for a class of twelve students working together. If more students have to work at the same time the number of articles to be used by each student should be increased proportionately.

If there be a doubt as to the name of any article, Messrs. Baird and Tatlock's catalogue for 1906 should be consulted:—

Name article	Quantity.	Number in Baird and Tatlock's catalogue.
Chemical balances with gramme weights	2 ..	120
Beakers, 8 sets 1 (60 c. c.) to 6 (495 c. c.)	4 dozens ..	993
Aspirators, 2 litres or bigger.. ..	2 „ ..	1108
Bell jars .. { 2 without tubulures } ..	6 .. {	1004
		1005
		1012

Name of article	Quantity	Number in Baird and Tatlock's catalogue
Brass spirit lamps	1 dozen	Bazar
Oil stoves (Sunrise)	2	"
Spirit stove, small	1	"
Air oven 9×9×9 in or 10×10×10 in	1	1342
Water oven	1	1343
Distillation apparatus if distilled water is not available.	1	1363
Water bath	1 gross	
Test tubes	3 dozens	
Test tube stands	1 dozen	
holders	1	
cleaners	4	
Glass cylinders	(cf. Ca Cl 2 towers)	
Bottles of various sizes, with stoppers	1 gross	1863
Glass jars	1 dozen	
Glass covers to fit the glass jars	1	
Corks (ordinary) various sizes (rubber)	1 gross	
Cork borers	2 dozens	
Measuring cylinders 100 c.c.	2	1763
Burettes	4	
Burette stands	4	
Funnels	1 dozen	
Funnel stands	2	
Thistle funnels	2 dozens	
T tubes	1 dozen	1167
U tubes	2 dozens	
Burette clips	1 dozen	
Flasks various sizes conical	2 dozens	Bazar
Wash bottles	3	
Wire gauze	3 yards by 1 yard	
Deflagrating spoons	1 dozen	2341
File triangular	1	2347
Iron stand	4	
Retort stands with clamps	1 dozen	
Tripods	1	
Triangles	2 dozens	
Thermometer 100°C	10 lb.	
Glass tubing of various bores	2 "	
Capillary tubing	1	
Glass rod	10 feet	
Rubber tubing of various diameters each piece	2	Any student's pattern
Microscopes (compound)	4	
Dissecting microscopes	6	
Simple lenses	21 dozens	
Dissecting knives	21 "	
" scissors fine points	11 dozen	
Forceps fine	6	
Scalpels	2 gross	
Slices glass microscopio		

Name of article.	Quantity.	Number in Baird and Tatlock's catalogue.
Cover-slips (square)	1 lb.	
Microscopic prepared slides	2 sets (complete set for Caver's books.)	
Razors	1½ dozen.	
Culture tubes	6 " ..	399
" tube stands	1 dozen.	
Crucibles, porcelain, 1½ and 3 inches	1 " ..	
Porcelain basins, 3 inches	1 " ..	962
Germination boxes, with glass front	20	
" " ordinary	1 dozen ..	Local manufacture.
Dark boxes	2	
Glass tumblers	2 dozens ..	Bazar.
Small glass dishes	6 " ..	488
Watch glasses	6 " ..	Bazar.

V.—DRAWING.

The examination will consist of three papers of two hours each.

SYLLABUS.

Freehand Drawing from the flat.—To copy to an enlarged or reduced scale.

Model Drawing.—Drawing of common objects or from casts shaded, and the following geometrical solids:—

Cubes, prisms, cylinders, cones, both right and oblique, right and oblique sections of these solids, wedge, sphere.

Geometrical Drawing.—(1) The theory and use of instruments especially of the protractor and Marquoise scale.

(2) Plain block-letter writing.

(3) The whole of practical plane geometry.

(4) Drawing to scale, viz, scale of chords; diagonal scale; plain scale; comparative scales (to be done in ink).

VI—MANUAL TRAINING

The examination will consist of one paper of three hours in Drawing and a practical examination of four hours in Woodwork

(a) SYLLABUS.

(1) *Woodwork*—

- (a) A series of models, graduated in respect of the tool manipulations involved to be made in wood from working drawings, (drawn in plan, elevation, side view and conventional isometric projection) or from a given pattern in wood, the construction of the models to involve the use of one or more of the following tools Jack plane Try Square, Marking Gauge Marking Knife, Smoothing Plane Tenon Saw, Bevel, Screw Driver, Firmer Chisel, Hammer, Mallets Bradawl Nail Punch, Compass, Firmer Gouge, Gimlet, Frame Saw, Spoke Shave, Brace and Bit, File

The following joints at least should be included amongst the models —

Half lap, Housing, Mortise and Tenon Half lap Dovetail, Box Dovetail, Edge Dovetail Bridle

- b) The care and maintenance in good working condition of the above-mentioned tools, excluding the setting and sharpening of the saw

(2) *Drawing*—

Drawing in plan, elevation and side view of all models, in the course and in conventional isometric projection of those of a rectangular shape

NOTE 1 —A scheme drawn up on the above lines is given below Teachers need not keep strictly to the particular model mentioned in this scheme, but if any changes in the models are made these should not involve changes in the new tool manipulations employed The course should, if possible, be commenced in class VII

NOTE 2 —Attention is invited to suggestions for teaching of Manual Training contained in Director of Public Instruction's circular no 2 of 1917 18

* (b) Books recommended for the *use of teachers* :—

The Teacher's Handbook of Seojd, by O. Salloman.
George Phillip & Sons. 6s.

Manual Instruction, Woodwork, by J. C. Pearson.
George Phillip & Sons. 6s.

McDougall's Light Woodwork, by David Thomas. *McDougall's Educational Company, London. 1s.*

The Scholar's Woodwork Class-book, by T. W. Berry.
Cassell & Co., London. 1s.

Practical Drawing, by T. S. Usherwood. *Macmillan & Co. 2s.*

Educational Handwork—Junior Course, by J. L. Martin and C. V. Manley. *Blackie & Son. 1s. 6d.*

Educational Handwork—Intermediate Course, by J. L. Martin and C. V. Manley. *Blackie & Son. 1s. 6d.*

Educational Handwork or Manual Training, by A. H. Jenkins. *University Tutorial Press, Burlington House, Cambridge.*

The "Self-help" course of Woodwork Exercise by E. J. Andrews. *Charles and Dible, 10, Paternoster Square, London. 2s. net.*

* In connection with the books recommended for the use of teachers in this Prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (*vide* list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

VII — A MODERN EUROPEAN LANGUAGE

French

There will be two papers of three hours each. The first paper will consist of *Selections from the prescribed Texts* and Grammatical questions thereon. The second paper will consist of Unseen Translation and Composition.

Books prescribed—

Ed About — *Le Roi des Montagners*
Macmillan's edition (Siepman's Series)

Du Camp — *La Dette de Jeu* (Cambridge University Press)

Perrault — *Contes de Fees* Edited by Fasnacht (Macmillan)

Grammar recommended—

French Grammar (Sonnenschein's Parallel Grammar Series)

NOTE — *Viva Voce Examination* has been dropped for the present

VIII — DOMESTIC SCIENCE

The examination will consist of two papers. The first paper will contain questions on Physiology Hygiene Household Management Home Nursing. The second will consist of the practical examination in sewing to be held at the same time as the examination in written work. There will also be an oral test in First Aid and Home Nursing.

SYLLABUS.

As a basis for the teaching of Hygiene and Home Nursing there should be a preliminary simple treatment of the following topics of Elementary Physiology —

The human skeleton the organs of digestion the circulation of the blood the nervous system respiration

I — Hygiene

NOTE — Great importance should be attached to practical work wherever the subject admits of this

Air — Composition of air ventilation importance of pure air impurities of air diseases caused by impure air

Water.—Composition of water; quantity of water required; source of water-supply—springs, deep wells, surface wells, rivers, tanks; how water is polluted; how to prevent pollution of water; how to purify water; boiling and filtering.

Food.—Composition of food; composition of good diet and its importance; preservation of food; cooking of food; drinks and condiments.

Personal Hygiene.—Cleanliness of body (hair, nails, teeth, etc.); clothing; exercise; importance of temperance; the use of *pain*, opium, and other drugs; spitting.

Precautions against diseases.—Infectious diseases, small-pox, measles, and diphtheria, etc.); tuberculosis; enteric fever; dysentery and diarrhoea; cholera; itch; leprosy.

2.—*First aid.*

Roller bandage, figure of eight as applied to knee, elbow finger, ear: bandage for eye, nose, chin: many-tailed bandage for chest. Bleeding of different kinds; how to stop bleeding; drowning; burns; scalds; bruises; sprains; broken bones; dislocation; carrying injured people; fainting; sunstroke: hysteria; epilepsy; suffocation; foreign bodies in eye, ear, nose and throat; bites of mad dogs; signs of madness in dogs; snake bites, stings.

3.—*Home-Nursing.*

NOTE.—None of the work is to be purely theoretical. Practice must be given in every point which allows of practical work.

Room.—Bed: bedding. furniture: light: warmth; ventilation.

Nurse.—Health; dress; duties and qualifications of a nurse.

External Remedies.—Poultices: plasters; fomentations; ice; baths—hot and cold; temperature of baths.

Food.—Kind of food and preparation; way of giving.

The Sick Room.—Administration of medicine; pulse and temperature charts; bathing, changing of garments, and bedding.

Infectious illness — Precautions during illness disinfection of room clothing, and bedding after illness use of disinfectants

Convalescence — Occupations, visitors rest sleep and food

4 — *Care and Training of Children*

Food sleep, exercise, play clothing cleanliness surroundings

NOTE — As an indication of the scope and standard of instruction in Hygiene and Home-Nursing teachers are referred to sections II III and IV of Personal and Domestic Hygiene for the School and Home by Mrs Harold Hendlay (Rai Sahib M Gulab Singh & Sons Calcutta) also to Indian Manual of First Aid and Indian Home-Nursing published by the Indian Council of the St. John Ambulance Association (Thacker Spink & Co Calcutta.)

5 — *Household Management*

A — Choice of House. Furniture and Decoration Distribution of rooms Cleansing and care of house and furniture Disposal of refuse and sewage

B. — Care of the kitchen

Preparation of simple food.

Two of the following groups —

(i) preparation of roti rice dal and tarkari

(ii) preparation and care of milk

(iii) preparation and care of meat (One dish only required)

C — Duties of mistress of household

Proper distribution of daily activities Accounts and budgetting of expenditure

6 — *Sewing and cutting-out*

Sewing — Each candidate should select three of the following groups A good standard of skill will be required in the various stitches required in making up garments and in mending worn articles of clothing —

(a) To cut and make up coat (achlan) or pyjama or shirt (kurta) or a waistcoat for a man

Displacement velocity and acceleration, composition of these Elementary dynamics of rectilinear motion Definition of momentum Newton's Laws of Motion

(b) *Practical*.—Extension of a spring Moments Levers for parallel forces. Verification of triangle and parallelogram of forces.

Friction Centre of gravity Determination of practical mechanical advantage and efficiency in the case of simple machines

NOTE.—As suggested distribution of the work over classes IX and X is given below for the guidance of teachers

Suggested detailed class syllabus

CLASS IX

Algebra —Remainder theorem by actual division

Factors Quadratic equations Simultaneous equations of first degree in x and y H.C.F. and L.C.M. by factors only Easy fractions Elementary propositions in ratio and proportion Arithmetic and geometric progressions Elementary theory of indices

Trigonometry Theory —Measurement of angles Trigonometrical ratios and the relations between them. Determination of the other trigonometrical ratios when the value of one is given Use of the table of logarithms and of the trigonometrical ratios

Solution of the right-angled triangle —

The following general formulæ

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$a = b \cos C + c \cos B$$

$$\tan B = \frac{b \sin C}{a - b \cos C}$$

Solution of triangles in the following cases —

(1) One side and two angles given

- (ii) Three sides given.
- (iii) Two sides and contained angle given, using above formulae.

Trigonometry: Practical.—(i) Construct right-angled triangles; calculate by measurement the ratios of one angle and compare their values with those given in the tables.

- (ii) By means of a base line and perpendicular off-sets, find the area of an irregular field.
- (iii) Find the height of top of a hill, tower or of a stationary balloon by taking the elevations at two points in line with its projection on the earth's surface graphically and by calculation.
- (iv) Find the distance of an inaccessible point C from an observer at A by taking the readings $\angle BAC$, $\angle ABC$, and AB, graphically and by calculation.

Mechanics: Theory.—Definition of force; representation of forces. Equilibrium of a body under three forces, concurrent and parallel.

Displacement, velocity, and acceleration, composition of these Formulae:—

$$v = u + ft.; s = ut + \frac{1}{2} ft^2; v^2 = u^2 + 2fs.$$

Definition of momentum. Newton's Laws of Motion.

Mechanics: Practical.—Extension of a spring. Levers for parallel forces. Verification of triangle and parallelogram of forces.

CLASS X.

Algebra.—Remainder theorem (general proof). Factors. Fractions. Elementary properties of surds. Theory of quadratic equations. Simultaneous equations. Graphs of simple functions, including circle and rectangular hyperbola.

Trigonometry: Theory.—Projections; proof of $\sin(A \pm B)$, $\cos(A \pm B)$ geometrically by use of projections; hence $\tan(A \pm B)$, $\sin P \pm \sin Q \cos P \pm \cos Q$. Multiple

and sub multiple angles Simple trigonometric identities and equations Formulae connecting sides and angles of a triangle Solution of triangles, including the ambiguous case

Trigonometry - Practical —(i) As in exercise (iii) of class IX, when the ground slopes up or down

(ii) Determination of distance between two inaccessible points in a horizontal plane, e.g., distance between two trees on opposite sides of a river.

Mechanics Theory —Moment of a force Moment of resultant Polygon of forces. Angle and coefficient of friction Centre of gravity in simple cases Simple machines, inclined plane, system of pulleys wheel and axle Practical mechanical advantage, velocity, ratio, and efficiency.

Mechanics, Practical —Experiments about moments, e.g., forces on a body which can turn about an axis Practical determination of centre of gravity To determine the co-efficient of friction on an inclined plane, (a) by arranging the angle of slope so that the body is on the point of moving down, (b) by observing the forces necessary when the body is on the point of moving up and slipping down the plane respectively Determination of the practical mechanical advantage and efficiency in the case of (a) simple pulley, (b) pulleys, (c) wheel and axle

(b) The books recommended for use are—

Algebra —Same as for ordinary Mathematics

Trigonometry —Elementary Trigonometry, by W. E. Paterson, Clarendon Press, Oxford 3s.

Mechanics.—Briggs and Bryan's Matriculation Mechanics, University Tutorial Press, London 3s 6d

The following books are recommended for teacher's reference library —

1 Trigonometry for beginners, by J. B. Lock and J. M. Child, Macmillan and Co. 3s.

2. Logarithmic and other tables for schools, by Frank Castle. *Macmillan and Co.* 8d.
3. Mechanics, parts I and II, Dynamics, and Statics by R. T. Glazebrook. *Cambridge University Press.* 5s.
4. Mechanics for Beginners treated experimentally, by L. Cumming. *Revington, Percival and Co.* 3s.

Exercises in Mathematics, D. B. Mair. *Macmillan and Co.* 5s.

A School Course of Mathematics, D. Mair. *Clarendon Press, Oxford.* 3s. 6d.

The following apparatus has been approved for the teaching of Further Mathematics to the High School classes. It can be seen in the Teachers' Training College at Allahabad and it is so simple that it can be made locally —

- 1 Wooden stand with brass knife edge.
- 1 Drawing Board with brass socket.
- 3 Clamp pulleys.
- 2 Moveable pulleys.
- 5 Tin slides.
- 3 Pans.
- 1 Steel spring.
- 1 Friction block.
- 1 Inclined plane with support and clamp.
- 1 Tin roller.
- 3 Tin weights.
- 2 Hooks and string.
- 2 Half-metre scales.
- 1 Iron axle.
- 1 Sighting rule.
- 1 Cross-head and pole.
- 1 Optical square.
- 1 Wooden tripod. (With brass thumb screw.)
- 1 Trigonometer with brass scale.
- 1 „ „ „ „ wooden scale.

INTERMEDIATE EXAMINATION OF 1925

ENGLISH

There will be *one* paper on the prescribed prose course and a *second* paper will be set on the poetry course, and in each paper one question will be set on "Unseen" passages

In place of the Unseen Prose passages candidates who offer English as their mother tongue will be required to answer questions on supplementary prescribed texts

A third paper will include (a) translation from a vernacular into English, and (b) a narrative or descriptive piece of composition in English. In the case of candidates who offer English as their mother tongue, the third paper will consist of an *Essay*, together with questions on English composition and on the history of English literature from 1500, as in Hudson's outline History of English Literature (Bell and Co)

NOTE —1 In the case of books prescribed for detailed study candidates will be expected to show a close familiarity with the text including meaning of words construction of sentences historical and other allusions as well as knowledge and understanding of the subject matter. They should be able to indicate contexts and to paraphrase and explain any difficult passages in simple and correct English.

2 In the case of books prescribed for general study detailed knowledge of the text will not be required, but candidates will be expected to show that they have read the course with intelligence and with some appreciation

Books prescribed —

Prose —(a) For detailed study—

Church — Trial and death of Socrates
The Apology, Crito and last part of Phaedo (Chapter LXIII to end).

Ruskin— *Sesame and Lilies*, from which only the following lectures are prescribed —

' King's Treasuries '
and
' Queen's gardens '.

(b) For general study.

Dickens—Tale of two Cities.

Macaulay—History of England, Chapter III.

Poetry.—(a) For detailed study—

Browning.—A Grammarian's Funeral.

Shelley—The Cloud.

Keats—Ode to a Nightingale

Tennyson—Sir Galahad.

Longfellow—King Robert of Sicily.

(b) For general study—

Shakespeare—Merchant of Venice.

Tennyson—The Lotus Eaters (the Choric Song excepted).

Crossing the Bar.

"Ring out wild bells."

Keats—St. Agnes Eve.

Byron—"The Defeat of Sennacherib."

There may be none of beauty's daughters,

Shelley—To night.

Newman—Lead Kindly Light.

Whittier—The Eternal goodness, stanzas 10, 11, 16, 17, 18, 19, 20.

Tagore—Three poems from Gitanjali, viz.

35.—"Where the mind is without fear and the head is held high."

45.—"Have you not heard his silent steps?"

49.—"You came down from your throne and stood at my cottage door."

Supplementary prescribed texts for candidates whose mother-tongue is English:—

Coming and Passing of Arthur; Hereward the Wake.

NOTE.—(a) Half the total of marks will be allotted to the portions for detailed study, 30 per cent to the portions for general study and 20 per cent to Unseen passage, and grammar.

(b) Grammatical questions will be asked including Parsing Analysis the Sequence of Tenses and Conversion of the Direct and Indirect forms of speech.

(c) The attention of candidates is drawn to the fact that examiners have been instructed to deduct marks for inaccuracy in English.

CLASSICAL LANGUAGES

(a) Sanskrit

There will be three papers one on Poetry and Drama the second on Prose and unseen and the third on Grammar and Composition

Paper I — Poetry and Drama —

(a) (i) Raghuvamsha Canto XIII.

(ii) Bhatta Kavya Canto II

(b) Shakuntala Act IV

NOTE — 1 Students are expected to explain in Sanskrit selected passages by giving the context synonyms of the different words and analysing compounds where necessary and adding the purport

2 No questions purely on Prakrit shall be asked.

Paper II — Prose and Unseen —

(a) Prose — Dassa Kumara Charita विद्युत चरित only

(b) Unseen — (i) Rama Katha Manjari published by Bharat House Lahore

(ii) Kusumamala Part II

NOTE — 1 The candidates are expected to familiarise themselves with the language and style of the Epic period and of the works like the Kusumamala.

2 Students should be taught to study these books by themselves with the help of a Sanskrit English Dictionary

Paper III — Grammar and Composition

Books recommended —

1 Apte's Guide to Sanskrit composition

2 Kale's Sanskrit Grammar

3 Vidya Bhushan's Sanskrit Grammar

In addition to the course in Grammar prescribed for the High School Examination of 1925 the course in

Grammar for the Intermediate Examination of 1925 shall consist of the following:—

The remaining declensions of all nouns and pronouns, *conjugations of the verbs of all the ten classes in all the Lakaras*, the use of six *karakas*, the four classes of *Samasas*, and *Krit* and *Dāddhita* forms

N.B.—Sanskrit must be written in the Devanagari character.

I.—ARABIC AND PERSIAN.

Three papers will be set in each of these languages. The first paper will be on the prescribed Text-books and Grammar. The second paper will contain passages for translation into English from the books recommended for rapid reading and from others of equal difficulty. The third paper, on Composition, will contain a passage or passages of English Prose to be rendered into the Classical Language.

(b) Arabic.

Prescribed course—

(i) Text—Selections in Arabic Prose and Verse (Anwar Ahmadi Press, Allahabad.)

(ii) Grammar—Mabadi-ul-Arabia, II Urdu Edition Mujtabai Press, Delhi.)

*Rapid reading—*Qilyubi—Nawadir-ul-Hilayat. (First half).

NOTE.—Arabic words must be written in the Arabic character.

(c) Persian.

Prescribed course—

(i) Text—

*Prose—*Anwar-i-Sohaili تاب اول (in the story of
read که بریده بود نیز رفت instead of روزنه
and instead of که بریده بود پائے او محبوب نیز رفت
(پیوسته شد و پائے روزنه پیوسته شد روزنه
excluding from—

این مثل ندان آورده ام تا to ترا همان پیش آید که زاعد را (1)

سلامت برکوارست to از تنه این زمانه (2)

دشمنی را بکے ہون بسیار to چنانچہ وکیل دریا (3)

and (4) دمہ گفت مرا میل ازین متصون to
Ain i Akbari, vol. III, pages 291-298,

from مایر چارہ سگالیم to دلاور گمار شاہی

excluding from (1) to ما دارو نہ پدمرد

ندیہا از شیطان دانستن

to هنگامہ آراستن (2)

برہی سادہ لوحان

and (3) to دریں ستم

شگفتہ راز نیفتادے

Tuzuk Jahangiri—from از سادات بیعیات الہی

(as is in Matriculation Course, 1917-13). Safir-namah,

Shah Iran—from در شہہ دوم و تنعہ

(as in the Intermediate Course 1913-14)

Poetry—Diwan Hafiz (1) to (47) Intermediate Course, 1912

Salman Saaji, Qasidas beginning with—

(۱) ای سہاں ملک را شمشیر تو مالک رہا

(۲) ناد سحر گئی : وائے تو خان دعد

(۳) بدل رسیدہ سحرگاہ در مقام حضور

(۴) منم امروز و نگاہ شب ہزاراں ہر

(۵) خبر آگو دندہ بر اس روضہ کند دورے ہار

Zabir, Farjabi Qasidas beginning with

(۱) شرح عم تو کدت شادی دھان دھ

(۲) سپیدہ دم چو رد ابو حیمہ در گلزار

(omit the couplet راز)

(۳) سپیدہ دم چو شدم محرم سراے سرور

(۴) چون ہر ملک طلیعہ شب گشت آشکار

- (ii) Grammar—مخزن الفوائد by M. H. Nasiri, Chapters I—VII. (Mission Press, Allahabad.)

Rapid reading—Sear-ul-Mutaakbirin, from—

فروگفته جهانگیر از حسان وقت to ذکر سلطنت ظهیر الدین محمد بابادشاه
(excluding from خضر سقا خوانند to مروت من الدوله ذکر احوال)

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the Text-books and in the books recommended for rapid reading in Persian.

NOTE.—*Persian words must be written in the Persian character.*

II.—LATIN, GREEK AND HEBREW.

Three papers will be set in each of these languages according to the following scheme:—

Paper I—Set books	...	... * Two hours.
Unseen (Prose)	...	... * One hour.
Paper II—Set books	...	... * Two hours.
Unseen (Poetry)	...	... * One hour.
Paper III—Grammar	...	... * One hour.
Composition...	...	... * Two hours.

In papers I and II half the marks will be allotted to Unseens and in paper III two-thirds of the marks to Composition. As Composition a passage or passages of English Prose will be set to be rendered into the Classical Language.

(a) Latin.

The papers will be as follows:—

Paper I.—CICERO:—In Catilinam, I—IV; and Livy, Book XXII Chapter 1—51; Unseen Prose.

Paper II.—HORACE: Odes II and III; Unseen Verse

Paper III—See above.

Grammar recommended—GILDERSLEEVE'S Latin Grammar.

* Time indicated *merely* for guidance of examiners in setting papers.

(b) Greek.

The papers will be as follows:—

Paper I—PLATO: Apology and Crito, Unseen Prose.

Paper II—SOPHOCLES: Antigone, Unseen Verse

Paper III—See above.

Grammar recommended—RUTHERFORD'S Greek Grammar.

(c) Hebrew

The papers will be as follows:—

Paper I—GENESIS and SAMUEL, Book I; Unseen Prose.

Paper II—PSALMS. XVI—LXX, Unseen Verse

Paper III—See above

HISTORY

There will be two papers in each group. A student may take either. A group or B group or both.

A Modern History and Allied Geography.

I.—Indian History from 1000 A.D

Books recommended:—

LANE POOLE, S : Medieval India -T Fisher Unwin, Limited.

SMITH, V. A : Oxford History of India,—Oxford University Press.

ROBERTS, P. E. : A Historical Geography of the British dependencies—Vol. VII, India, Part I—History to the end of the East India Company (Oxford, Clarendon Press.)

II.—*Either* (a) Outlines of Modern European History from 1500 A.D.

Books recommended:—

GRANT: History of Europe —Longmans, Green & Co
THATCHER AND SCHWILL, History of Europe —John Murray, London

ROBINSON: History of Western Europe.—Ginn & Co, New York

Or (b) Modern English History from 1485, with special reference to the growth of the Empire

Books recommended:

WARNER and MARTEN: Groundwork of British History, sections II and III, Blackie & Son, Limited.

KERR AND RUSHBROOK WILLIAMS: Growth of the British Empire—Longmans, Green & Co.

B. Ancient History and Allied Geography.**I.—History of Greece.***Books prescribed:—*

EDMONDS, C. D.: Greek History for Schools.—Cambridge University Press.

ABBOT: Pericles.—G. Putnam & Sons.

II.—History of Rome.*Books prescribed:—*

BYRANT, E. E.: A Short History of Rome (Cambridge University Press)

SHUCKBURGH: Augustus.

LOGIC

There shall be two papers of three hours each: the first on Deductive Logic and the second of Inductive Logic.

Deductive Logic.

The following syllabus is prescribed:—

Definition, scope and value of Logic. Nature of thinking. The laws of thought. The relation of thought and language. Terms and their classification. Denotation and Connotation of terms. The predicables. Formal division and definition. Propositions; their import. Reduction of statements to logical form. Distribution of terms. Nature and forms of inference. The opposition of propositions and various forms of education. The syllogism, its figures and moods. Reduction, direct and indirect. Hypothetical, disjunctive and mixed syllogisms. The Dilemma, Enthymeme, Sorites and Epicheirema. Function and value of Syllogism. Analysis of deductive arguments. Fallacies.

Inductive Logic

The following syllabus is prescribed —

The nature and presuppositions of inductive inference
 Calculation its significance and importance in induction.
 Observation and experiment. Classification and nomenclature
 Hypothesis Imperfect inductions—simple enumeration and analogy
 Methods of scientific induction Analysis of inductive arguments and application of inductive methods
 Explanation and establishment of laws The relation of induction to deduction Fallacies

Books recommended (not prescribed) to indicate the standard of treatment of the topics prescribed —

Introductory Text book of Logic S H Mellone — Blackwood & Son Edinburgh

Intermediate Logic Welton & Monahan — University Tutorial Press London

Groundwork of Logic Welton — Messrs Macmillan & Co

ELEMENTARY ECONOMICS

Introductory

Subject matter Relation to other sciences The development of Economics life

Production

Relation between wants and production The factors of production

Land — Natural resources of India Soil and Climate
 Sources of Power Raw materials

Labour — Density and distribution of population in India Health and vital statistics Occupations

Capital — Buildings and machinery Means of communication and transportation in India Irrigation

Organization — Combination of the factors of production in village industries and in factories Efficiency of the factors of production Different uses and how efficiency

increases. Efficiency of labour increased by education. Division of labour and specialization of machinery. Large scale production and its limitations. Diminishing and increasing returns. Development of industrial organization. Its relation to means of transportation. Accompanying changes in rural industries and in agriculture.

Exchange.

Utility.—Marginal and total utility. Law of diminishing utility. Law of demand.

Barter.—Conditions of barter. How both parties gain in utility by exchange.

Exchange by sale and purchase. Demand and supply schedules and curves. Balancing of demand and supply in a local market. Relation of price to expenses of production. Changes in the expense of production. The development of markets. Causes of the extension of markets. India's imports and exports.

The machinery of exchange. Money and banking. The Indian currency system and the organization of credit in India (both to be treated in an elementary way).

Distribution.

The problem of distribution.

Rent.—The law of rent as applied to India. Land tenure in the United Provinces.

Salaries and wages.—Real and money wages. The standard of living, Mobility of labour in India. Influence of social customs.

Interest.—Net and gross interest. Mobility of capital in India. Principles of co-operative credit and its advantages for India.

Profits.—As the reward of enterprise. Business opportunities in India.

Consumption.

Satisfaction as the end of all economic activity. Wants and their classification. Division of income among different

items of expenditure Family budgets Relations of saving to spending The social side of spending

Taxation

Classification of revenues, the tax system and its incidence in India.

The following books should be consulted —

Penson — Economics of Everyday Life, Parts 1 and 2

Moreland — Introduction to Economics for Indian Students

Banerji — A study of Indian Economics

Teachers should also consult —

V. G. Kale — Indian Economics

Marshall — Economics of Industry

Chapman — Elementary Economics

Jack — Economic Life of a Bengal district

Mann — Life and labour in a Deccan village

Practical work

In view of the fact that many students will leave college to earn their living after the Intermediate Examination and that many government positions are now being opened to men who have passed this examination, the course should be taught in such a way as to make it of real practical use to students in after life. Teachers must be given facilities for taking students out to study small industries, markets and conditions of living in both city and country. The principles should be illustrated from these studies. The examiners are to inspect and mark the practical work of each student, as follows —

Two family budgets, one of an artisan, one of a cultivator with the student's own deductions

Two balance sheets, for one month or more of small scale industries, with suggestions for improvements in the industry (For example, farming, weaving, pottery, carpentry, shoe making, tailoring, basket making, the gwalla, the mithai wala etc.)

Diagrams representing the above budgets and costs of production in the industries as percentages of the total.

Written work.

Teachers should insist on as much written work as possible. The following methods are suggested :—

NOTE.—Teachers should not usually dictate notes, but should require students to write out their own notes after each lecture from rough notes taken in class and from memory. These notes should be inspected and marked by the teacher.

Questions.—At the beginning of the lecture period teachers should frequently give out a single question on the work of the day before and allow the student 5 or 10 minutes to write out the answer which should be corrected and returned to the students.

Essays.—Occasional essays may be assigned.

N.B.—Practical and written work shall be given 15 per cent. each of the total marks for Economics. There shall be two papers, each of which shall be given 35 per cent. of the total marks. The first shall cover production and exchange, the second the rest of the course.

INDIAN VERNACULARS.

(For girls only, in place of a Classical Language.)

Hindi.

1. Charitavali by Harishchandra.
2. Sangit Sakuntal by Partab Narayan Misra.
3. Natibatika by Lala Sita Ram.

Urdu.

1. Banat-un-nash by Shams-ul-ulama Dr. Nazir Ahmad Khan, LL.D., D.O.L. (Published by Rai Gulab Singh, Lahore.)
2. Musaddas Hali by Shams-ul-ulama Khwaja Altaf Husain, Hali. (Published by National Press, Allahabad.)
3. Sham-o-Shair by Dr. Sheikh Muhammad Iqbal, M.A., Ph.D., Bar-at-law. (Published by An-nazir Press, Lucknow.)

Bengali

- Prose* — (1) *Charita Katha* by Ramendra Sunder Tribedi
 (2) *Karma Khetra* by Shoshi Bhushan Sen
 (3) *Sita* by Jogenira Nath Basu
Poetry — (1) *Ramayan Ajodhya Kanda* Krittibas, edited
 by Ramanand Chatterjee
 (2) *Chaturdashapadi Kabitabali* by M Madhusudan Datt edited by Dinanath Sanyal
 (3) *Palashir Juddha* by Nobin Chandra Sen
Composition — *Rachana Paddhati* by Nrisingha
 Chandra Mukerji

Uriya

- Charupath Part III*, translated by Bichhanda Patnaik
 Ramshankar Ray Bilasini
 Sasibhusan Ray Dakshinatya Brahman

Marathi

- Nagesh Vasudev Gunaji Atmodhar
 Ramabai Ranade Amelya Ayushyatil Athavani
 Hari Narayan Apte Gail Ala Pan Sinha Gela

Gujrati

- Gujratno Nath Ghanashyam (K M Munshi).
 Charitra Manilal D. Dwivedi
 Gujrat Sarva Narmadas' ankar
 Sangaraha

Tamil

- Periyapurana vacanam* (Life Arunugha Navalar edition of Appar Sundar Sambhutta Murthi)
 Thirukkural 1 to 10 Chapters (Ripon Press)
 Kamraki by J Cholvakesava Raya Mudaliar

Telugu

- Uttaragogrihanam* Tiklavu
Yanugabathunam Bhogarazu Narayana Murthy
 The influence of environment on body and mind
 Srenivasarao

A MODERN EUROPEAN LANGUAGE.

(For girls only, in place of a Classical Language.)

There will be three papers of three hours each. The first paper will consist of extracts from the prescribed Text-books together with grammatical questions. The second paper will contain unseen passages for translation from French into English; these passages not to be taken from the prescribed Text-books. The third paper will consist of a passage or passages of English prose to be translated into French.

French.

Prescribed Text-books—

ERCKMANN-CHATRIAN: *Le Conscrit*.

DAUDET: *Tartarin sur les Alpes*. (Siepmann's edition.)

Le Voyage de Monsieur Perrichon. Labiche et Martin (Hachette et Cie).

Grammar recommended—French Grammar (Sonnen-schein's Parallel Grammar Series).

 MATHEMATICS.

There will be three papers in Mathematics:—One paper in Algebra and Trigonometry, a second in the Geometry of Conics and Solids and the elements of Co-ordinate Geometry, and a third on Elementary Dynamics.

(1) *Algebra*.—Quadratic equations involving two or more unknown quantities, the theory of quadratic equations and of expressions of the second degree, imaginary expressions, arithmetical, geometrical, and harmonical progressions, permutations and combinations, theory of indices and logarithms, proof of binomial theorem for a positive integral index and the use of binomial and exponential theorems for any index.

(2) *Trigonometry*.—Including Solution of Triangles, and simple problems on inscribed, circumscribed, and described circles.

(3) *Plane Geometry* Proportion, similar triangles, the properties of the parabola ellipse and hyperbola treated geometrically

(4) *Geometry of Solids* —Elementary properties of lines and planes, surfaces and volumes of parallelepipeds and right prisms pyramids, circular cylinders and cones, spheres and spherical segments, frusta of pyramids cones and spheres, with numerical applications

The use of Trigonometry and Logarithms shall be permitted in solving numerical examples

(5) *Co-ordinate Geometry* —The properties of the straight line and circle treated by rectangular and polar co ordinates, the properties of the parabola ellipse and hyperbola and their tangents and normals, deduced from the simplest equations of the conics in rectangular co ordinate

6) *Dynamics and Statics* —Velocity composition of velocities, relative velocity, acceleration, rectilinear motion under uniform acceleration composition of accelerations Newton's Law of Motion rectilinear motion under gravity in a vertical and down an inclined plane motion of two masses connected by a string passing over a pulley, projectiles direct impact of smooth bodies definition and calculation of kinetic energy co-planar forces parallel and non parallel and their composition equilibrium of a body under three forces, moments conditions of equilibrium of a body under a system of co-planar forces and simple examples centres of gravity friction work and power, simple machines (lever balance system of pulleys wheel and axle differential wheel and axle)

The following books are suggested —

School Algebra, Part II by Paterson (Clarendon Press)

Elementary Algebra Part II by P. Ross (Longmans.)

Hall & Stevens' School Geometry Parts V and VI

Co-ordinate Geometry Smith or Loney (Macmillan's)

Conic Sections, Wilson (Macmillan's).

Elements of Statics and Dynamics by Loney. (Cambridge University Press.)

PHYSICS.

[N.B.—Candidates will be required to pass in the theoretical part of each Science subject.]

There will be two papers as follows:—

1st Paper—Heat and Light.

2nd Paper—Sound, Electricity, and Magnetism.

The following syllabus is recommended.—

General properties of Matter.—Fundamental units and their measurement. Principle of Balance, Verniers, Calipers, Screw-gauge, Spherometer, Volume Density, Specific gravity, Fluid pressure, Principle of Archimedes, Nicholson's hydrometer, Barometer, Boyle's Law, Pumps, Siphon, Elementary notions of volume elasticity, rigidity, and Young's modulus in the case of solids. Isothermal and adiabatic elasticities of gases. Gravitation, simple harmonic motion. Pendulum. Value of "*g*."

Heat.—Temperature. Thermometers. Calorimetry. Specific heat. Latent heat. Expansion of solids, liquids and gases. Vapour pressure. Hygrometry. Change of state. Laws of unsaturated and saturated vapours. Conduction: Convection. Radiation. Reflection and absorption of heat. Isothermal and adiabatic changes. Specific heat at constant volume and constant pressure. Relation of heat to work. Determination of *J*.

Light.—Laws of propagation. Reflection and refraction from plane and spherical surfaces. Dispersion. Spectra. Fraunhofer's lines. Telescope. Microscope. Spectrometer. Photometry. Phosphorescence, Fluorescence. Velocity of light.

Sound.—Lissajou's figures. Transverse and longitudinal waves. Nature of sound waves. Intensity. Pitch. Quality. Mode of propagation. Reflection. Refraction,

Stationary waves Beats Resonance Vibrations of strings and air columns Monochord and organ pipes Determination of velocity in solids, liquids and gases Musical scale

Electricity and Magnetism.—Magnetisation Permanent magnets Magnetic induction Unit of magnetisms Magnetic field Lines of force and lines of induction Tangent A and B positions of Gauss Deflection and vibration Magnetometers Magnetic moments Earth as a Magnet Magnetic elements H Declination and Dip and their determinations Electrostatic unit of quantity Coulomb's law of force Electric field Gold leaf electroscope Surface density Potential Capacity Leyden jar Capacity of a parallel plate condenser Electrophorus Wimshurst's machine

Voltic coil Electric current and its magnetic effects E. M. unit of current Galvanometers Ammeters Voltmeters Ohm's law and its verification Unit of resistance and P. D. Specific resistance Practical and absolute units Determination of resistance Wheatstone's bridge P. O. Box Heating effect of current Joule's law Determination of J Electric glow lamp Electric arcs Chemical effect of current Faraday's laws of Electrolysis Electrochemical equivalent Voltameters Electro-magnetic relations. Electro-magnet induction Induction coil Simple dynamo Motor Electric Telegraph Telephone Microphone Thermopile

The scope of course is approximately indicated by R. S. Willows A Text book of Physics (published by Messrs Arnold & Co) and this book is strongly recommended

There will also be an examination in practical work

The laboratory course is indicated by the subjoined list of experiments An account of each experiment must be written by the student in a special note-book which will be examined The account of each experiment should be signed by the Demonstrator, and the books should be kept in his charge

LIST OF EXPERIMENTS.

Mechanics—

Applications of the Triangle of Forces.

Equilibrium of Parallel Forces.

Principle of Moments.

Determination of co-efficient of Friction.

Ditto of "g" by the pendulum.

General Properties of Matter—

Measurements of Mass by the balance.

Use of the Spherometer.

Use of Screw-gauge.

Use of Callipers.

Barometer.

Heat—

Testing fixed points of Thermometers.

Determination of Specific Heats.

Ditto of Latent Heats.

Construction of a graph illustrating the rate of cooling of a liquid.

Boyle's Law.

Determination of co-efficient of linear expansion.

Light—

Reflection and Refraction of Light at plane and spherical surfaces.

Determination of Refractive Indices

Focal lengths of Mirrors and Lenses.

Sound—

Determination of Velocity of Sound by resonance.

Ditto the frequency of a fork by sonometer.

Magnetism—

Mapping out lines of force by a small magnet.

Determination of Neutral points in a magnetic field.

Comparison of magnetic moments by the magnetometer.

Electricity—

Variation of magnetic force at centre of a coil with radius number of turns and strength of current.

Determination of resistance by the use of Wheatstone's wire bridge

Determination of resistance by the use of Ammeter and Voltmeter.

Combination of cells in series and parallel

Detailed accounts of the method of performing the above experiments will be found in either Willows' Text book of Physics or in any Intermediate course of practical Physics such as Schuster and Lees

CHEMISTRY

[V B — Candidates will be required to pass in the theoretical part of each Science subject]

There will be two papers and a practical examination

The following syllabus is prescribed —

The course as for the High School Examination with in addition elementary and compound substances mixtures solution, chemical action the laws of definite and multiple proportions, simple methods of the determination of equivalent weights atoms, molecules atomic and molecular weights, vapour density the atomic theory and Avogadro's hypothesis combination of gases by volume

Valency, relation between equivalent and atomic weight simple methods of determination of atomic weights Dulong and Petit's Law

Boyle's Law Charles' Law vapour pressure, diffusion

Chemical symbols, formulae and equations calculations of an easy nature

Oxidation and reduction

Elementary ideas as to the nature of dissociation in gases and electrolytic dissociation theory

The outlines of the periodic law, studied from element presented in the course

Preparation and important properties of the following elements and compounds and proofs of the composition of the compounds marked*.

Hydrogen, oxygen, *water, ozone, hydrogen dioxide, nitrogen, the *atmosphere, the effects of animal and vegetable life upon its composition, *ammonia, nitric acid and nitrates, nitrous acid and nitrites, *nitros and *nitric oxide, carbon, *carbon dioxide, *carbon monoxide, elementary ideas about combustion and structure of flame coal gas, chlorine, *hydrochloric acid, the chlorides, chloric acid and chlorates, bromine, iodine, their hydracids and salts.

Sulphur, *hydrogen sulphide, sulphur *dioxide and trioxide, sulphuric acid and the sulphates, sulphurous acid and sulphites.

Phosphorus, hydrogen phosphide, phosphorous trioxides and pentoxide, orthophosphoric acid.

Silica, silicates of Na, K & Ca, glass.

Sodium, potassium, their hydroxides, chlorides, nitrates, carbonates, sulphates.

Calcium, strontium, Barium, and their oxides, carbonates, sulphates chlorides, nitrates.

Magnesium, its oxide, chloride, sulphate, carbonate and nitrate, Zinc, its oxides, chloride, sulphate and carbonate

Lead, its chloride, sulphate, and nitrate.

Copper, the outlines of its metallurgy, its oxides, chlorides, sulphate, and nitrate.

Iron, the outlines of its metallurgy, its oxides (FeO , Fe_2O_3 , Fe_3O_4 chlorides and sulphates.

Organic.—

A. The preparation, typical properties and structural relationship of the following compounds:—

Marsh gas, ethane, ethylene, chloroform iodoform.

Methyl alcohol and ethyl alcohol.

Formaldehyde and acetaldehyde.

Formic acid and acetic acid.

Ethyl acetate and methyl acetate.

Acetamide, acetyl chloride, acetic anhydride.

Methylamine.

B. The descriptive properties of the following —

Acetylene, glycerol, acetone, ether, oxalic acid, tartaric acid, fats, soaps (and saponification) starch, cane sugar, grape sugar (and fermentation) urea, benzene phenol aniline benzoic acid.

PRACTICAL WORK

Students will be examined in Practical Chemistry

Students are expected to perform the following experiments in the laboratory. An account of each experiment must be written by the student in a special note book which will be liable to examination by the Examiners. This note book should be kept in the charge of the laboratory instructor and each account of an experiment should be signed by him. The Principal of a College will be responsible for the production of this note book when demanded by the proper authorities.

The practical course is as follows —

1. Such practical work as is required for the School Leaving Certificate or Matriculation Examination.

2. Qualitative analysis of simple salts.

3. Preparation and purification of simple salts involving no special difficulty.

4. Simple gravimetric and volumetric estimations, such as estimation of alkali acids and alkaline carbonates by titration, gravimetric estimation of iron and simple gravimetric experiments such as change in mass on oxidation of magnesium etc.

5. Determination of melting and boiling points fractional distillation.

6. Qualitative detection of hydrogen nitrogen sulphur and halogens in organic compounds.

Books suggested —

SHEPSTONE Inorganic Chemistry (Arnold)

RUSCOL and LUNT Elementary Inorganic Chemistry

ROSCOE and HARDEN: Inorganic Chemistry for Advanced Students.

A Class Book of Organic Chemistry by J B Cohen.

Organic Chemistry, Part I, by Perkin & Kipping.

Donington's Class Book of Chemistry, Parts 1—4.

BIOLOGY.

I — Zoology

[N.B.—Candidates will be required to pass in the theoretical part of each Science subject.]

A.—Living and non-living matter. The distinctive properties of living matter of protoplasm and its chemical composition. The structure and life-history of Amoeba and malaria parasite as examples of the Protozoa. A general conception of the structure and phenomena of the animal cell, direct and indirect cell division. The union of cells to form tissues and the combination of tissues to form organs.

B.—The structure of Hydra as an example of the Metazoa. The principle of the physiological division of labour and the correlated differentiation of structure.

C.—The structure and bionomics of an Indian Earthworm as an example of a segmented animal.

D.—The structure of the cockroach as a type of Arthropoda. Metamorphosis among insects as illustrated by the life-history of the common mosquito.

E.—The general characters of the Chordata.

F.—The general anatomy, histology, and physiology of the various systems or organs in the Frog.

G.—An elementary knowledge of the anatomy and osteology of the Rabbit or other common Mammal. The brain and eye of the sheep, and the skull of the dog may be substituted for those of the rabbit.

H.—A general classification of the animal kingdom with the characteristics of the principal phyla.

J.—Reproduction, sexual and asexual: ova and spermatozoa; oogenesis and spermatogenesis. The elementary

facts of the fertilisation and segmentation of the ovum, the outlines of the development and larval history of the Frog the three primary germ layers and the organs derived from them

II —Botany.

[N B — Candidates will be required to pass in the theoretical part of each Science subject]

A —The structure and germination of seeds the morphology of the root, stem, and leaf The chief types of floral structures The chief type of inflorescence and the common types of fruits

B —The parts of a typical vegetable cell, the cell contents and their microchemical reactions the division of a cell the chief types of plant tissues A comparative study of the internal structure of the root stem and leaf of the Angiosperms The structure of the reproductive organs of the Angiosperms

C —The structure of *Bacillus subtilis* and the modes of nutrition among the Bacteria

D —The structure physiology and life histories of *Ultherix* *Spirogyra*, *Mucor* and yeast

E —The structure and life histories of a moss and a fern, and the phenomenon of *Alternation of Generations*

F —The life history of Angiosperms

G —An outline of the classification of the vegetable kingdom to illustrate grades of structure and method of reproduction

H —Elementary plant physiology, stability of the plant body, the usual constituents of plant food, assimilation, transpiration, respiration, the main facts about growth, the chief types of movements

PRACTICAL WORK

Students are expected to keep a record of all practical work in a special laboratory sketch book which will be liable to examination by the Examiners The laboratory instructors should sign the result of each day's practical work

A.—The microscopical study of Amoeba and Hydra ; the study of Hydra by means of transverse and longitudinal sections.

The general dissection of the Earth-worm, Co. kroach and Frog : life-history of mo-quito ; a microscopical study of the chief animal tissues from fresh or prepared preparations of muscle, nerve, cartilage, bone, blood, and connective tissue. The microscopical study of the Earth-worm by means of fresh preparations and transverse sections ; a microscopical examination of the kidney, liver, spinal cord, stomach ovary, and testis of the Frog. The skeleton of the Frog.

The osteology of the rabbit substituting the skull of the dog for that of the rabbit, and the dissection of the alimentary, vascular, and reproductive systems of that animal.

B.—The dissection of plants and parts of plants, the preparation, simple staining, and study of microscopical sections of plants. A practical study by microscopical examination and otherwise of Bacteria, Yeast, Spirogyra. Ulothrix, Mucor, and a mass, a Fern, and the vegetative and reproductive organs of Angiosperms treated in an elementary manner.

The description of a flowering plant and its parts in semi-technical language

(Where fresh material cannot be obtained, recourse should be had to prepared specimens)

Text-books suggested :—

PARKER and BHATTIA : Elementary Course of Practical Zoology. (Macmillan.)

HOLMES : Biology of the Frog.

MARSHALL AND HURST : Practical Zoology (Murray).

RANGACHARI : Botany for Indian Schools, 2nd Edition. (Government Press, Madras.)

GAGER : Fundamentals of Botany. (Blakiston)

COMMERCIAL DIPLOMA EXAMINATION OF 1925

The following are the subjects of examination —

Compulsory subjects—

- 1 English including correspondence
- 2 Book keeping and Accountancy
- 3 Business Methods and Elementary Economics

Optional subjects—

One of the following —

- 1 Commercial Geography
(a) General
(b) India

or

- 2 Typewriting,

or

- 3 Shorthand

The following papers will be set —

1 *English including correspondence* —Two papers of three hours each

2 *Book keeping and Accountancy* —Two papers of three hours each

3 *Business Methods and Elementary Economics* —Two papers of three hours each one paper on business methods and one paper on Elementary Economics

4 *Commercial Geography* —One general paper of three hours One paper on the Commercial Geography of India of three hours

5 *Typewriting* —One paper of three hours

6 *Shorthand* —One paper of three hours

The syllabus in each subject is as follows —

English including correspondence —1 *Drafting of commercial and official correspondence* with special attention to grammar syntax punctuation and use of commercial terms and vocabulary

2 *Essay writing and composition* with practice in expansion of summarized ideas into full statements and vice versa

3. Reading duly newspapers with practice in editorial writing and newspaper articles especially on commercial topics. Ability to understand the financial and business section of the newspapers.

4. *Précis writing.*

[NOTE.—It is suggested that papers in this subject may follow the lines given below.]

First Paper—*Commercial English*—

This will consist of—

- (a) Draft of commercial and official correspondence.
- (b) The writing of a short article to indicate an intelligent knowledge of commercial terms.
- (c) *Précis*-writing.

Second Paper—*General English*—

This will consist of—

- (a) Translation from indirect to direct speech and *vice versa*.
- (b) Re-writing of incorrect or badly constructed sentences.
- (c) Synthesis of simple sentences and the resolution of complex sentences.
- (d) An essay on a subject of general interest

Book-keeping and Accountancy.—The principles of Double Entry Book-keeping and their application Books of original entry, including Tabular Forms. The Ledger. Trial Balance. Trading, Manufacturing and Profit and Loss Accounts, with apportionments and adjustments. Balance-sheets. Loose Leaf and Card Index system of Book-keeping Self-Balancing Ledgers Single Entry Book-keeping.

In the treatment of the above the following matters will be included:—Cheques, Bills of Exchange and Promissory Notes; Goodwill; Classification of Assets: Bad debts; Depreciation, Reserves and Sinking Funds; Consignment, Joint Venture and Contract Accounts; Partnership and Company Accounts (including the Double Account system), Capital and Revenue; Investments, Accounts Current and Average Due Dates.

Business methods —1 The general routine of a Business House —Inward and Outward correspondence (excluding drafting), Methods of rapid communication Duplicating processes

2 The significance of Trade, Commerce and Industry, Manufacturing and Distribution House The buying and selling of goods Mercantile Enquiry Agencies Importation and Exportation of goods Documentary Bills Elementary Fire and Marine Insurance as applicable to this section Use of Card Indexes.

3. The meaning of the principal commercial terms occurring in connection with the above and the preparation of the chief documents involved, including arithmetical calculations

4 An elementary knowledge of the Indian Law of Contracts, Indian Negotiable Instruments Act and the Indian Registration Act

Elementary Economics —(The treatment of the subject should be very elementary and as far as possible it should be illustrated by reference to Indian conditions)

The subject matter and scope of Economics fundamental notions and simple definitions Relation between wants, efforts and satisfaction

Production —Factors of production Land Labour Capital and Organization

Nature and Limitations of Land Division of Labour and other factors of efficiency of labour, Organization of capital

Laws of increasing diminishing and constant returns.

Wants —Diminishing utility Value—its determination Balancing of supply and demand

Machinery of Exchange —Money and its functions Qualities most desirable in currency—legal tender—sober money—Gresham's Law—Paper Currency—Convertible and Inconvertible credit—Credit instruments—Bills of Exchange —Cheques

Indian Currency.—The Gold Exchange Standard—The Gold Standard Reserve, Council Bills—Reverse councils—Indian Currency during and since the war—Indian Banks and the chief functions performed by them—the Imperial Bank the Exchange Banks and Indian Joint Stock Banks.

Distribution.—Rent—interest—wages—profits (with particular reference to Indian conditions).

Books recommended :—

PENSON: Economics of Every Day Life, Part I.

MORELAND: Introduction to Economics.

JEVONS: Money and Banking in India.

Commercial Geography. *A. General.*—I. (a) Physiographic Control of Commerce. Climate. Effect of climate on vegetation. Vegetation regions. Distribution of important commodities as wheat, rice, cotton, barley, flax, jute, etc., and conditions under which they are severally produced.

(b) Vegetation, its relation to industries.

(c) Trade routes connecting the most important regions producing the different commodities as studied above and the important markets for them. Ports Localisation of Industries.

II. A study of the various types of geographical regions from the stand point of commerce, particularly of the West marginal type in Europe, the East marginal type in Monsoonal Asia, and of continental types in N. America

This would imply an intelligent study of the physical features of the different regions, more particularly in relation to their effect on climate, agricultural production, and the easiest lines of inland communication, whether by water, road or rail, Special attention should be paid to the geographical distribution of industries.)

B. India.—A study of the Commercial Geography of India on the regional basis involving the study of:—

(a) Surface features and physical structure.

- (b) Climate
- (c) Agricultural products
- (d) Irrigation—the canal system of N India
- (e) Distribution of minerals
- (f) Industries—Present condition and tendencies of industries in the United Provinces
- (g) Communications

NOTE —In the study of regional types special attention may be devoted to the parts of the British Empire occurring in these types

TYPE WRITING

This will be the same as for the High School Examination but of a more advanced character—the speed to be 30 words per minute

SHORTHAND

- 1 Writing in Shorthand from a passage dictated at the rate of 80 words a minute for a period of ten minutes
- 2 Writing in Shorthand from a business letter of general commercial phraseology, dictated at the rate of 80 words a minute for a period of five minutes
- 3 Transcription of both the above

HIGH SCHOOL EXAMINATION OF 1926.

A—COMPULSORY SUBJECTS.

I—ENGLISH

Three papers will be set—(1) on the prescribed course in prose and poetry with questions on grammar, idiom etc; (2) on unseen passages with questions on grammar and idiom; (3) passages in an Indian Vernacular for translation into English and a simple narrative or descriptive composition in English. In the case of candidates who offer English as their mother-tongue the third paper will consist of an essay to be written in English. There will be no oral test, but there will be an examination in English dictation.

2.- Children of the Motherland, by Mrs Besant

The following chapters excepted —

Part I { Chapter VIII—The Founder of Sikhism
 " X—Haridas

3. School Favourites, from which the following poems are prescribed — Lochinvar, The Poet's Song, The Honest Man, The Plate of Gold, The Deserted Village, To a Water fowl, To the Cuckoo (Wordsworth), The Daffodils (Wordsworth), Alexander Selkirk, A Psalm of Life, Ring out Wild Bells, The spacious Firmament,

or

Group C —

1. Longmans' Matriculation Selections, from which only the following are prescribed —

The Gorgon's Head, The Miraculous Pitcher, The Pigmies, The Derwish's Story, History of the Poet Aslar The Adventures of Three Shipwrecked Boys on a Coral Island of the South Seas A Lesson of Faith, The Law of Authority and Obedience, Red Snow, An Adventurous Journey, Early Rising, Reading, Rural Life in England From the Story of Aladdin or the Wonderful Lamp

- 1 The African Magician
- ' The Cave of the Lamp
- 3 The Genie of the Lamp
- 4 Aladdin's Marriage

2. A Book of Golden Deeds by Yonge, from which only the following stories are prescribed —

How One Man has saved a host
 The Pass of Thermopylae
 The Two Friends of Syracuse.
 The Last Fight in the Coliseum
 Faithful till Death.

Children of Blentaran Ghyll.

Casal Noo.

The Mad Dog.

Monthyon Prizes.

Discipline.

3. Indian Schools Book of Verse, from which the following poems are prescribed :—King Bruce ; The Slave's Dream ; The Lotos Pool ; The Plate of Gold ; The Honest Man ; The Tcys ; Incident of the French Camp ; The Old Order Changeth ; Prospice ; My Heart Leaps Up ; The Tiger.

N.B.—The above text books are arranged in three alternative Groups A, B, and C, and each school is at liberty to make its own selection taking any one of the Groups or choosing from the different Groups provided the choice includes one book of Prose Selections, one book of Inspirational Stories, and one book of Poetry. Candidates taking Group A must select a book of Inspirational Stories from Group B or Group C.

Books recommended for rapid reading and indicating the standard of the unseen passages to be set in the second paper :—

In England, by S. G. Dunn. *Macmillan & Co.* 12 annas.

Scott's *Ivanhoe* (abridged) by P. Wren. *Oxford University Press, Hornby Road, Bombay.* Re. 1.

Stories from the *Arabian Nights* (Senior Series), *Longmans' Green & Co.* 8d.

English Readings by E. S. Oakley, Principal, Ramsay College, Almora. Re. 1-4.

Longmans' English Reading Books for Indian Students, Books 1 and 2. *Longmans, Green & Co.* Re. 1 and Re. 1-4, respectively.

Tanglewood Tales by N. Hawthorne. *Longmans, Green & Co.* 1s. *Man and his Markets* by L. W. Lyle. *Macmillan & Co.*

Hawthorne's *Tanglewood Tales*, Parts 1 and 2. Edited by J. H. Fowler. *Macmillan & Co.* 1s. each.

A Naturalist on the Amazons by H W. Bates.
Abridged and edited by F A Bruton *Macmillan & Co*
2s 6d

A Persian Hero Edited by W Grandy *Macmillan & Co* 1s.

Poetical Selections with Notes by P C Wren. *K E J Cooper, Educational Publishers Bombay* 10 annas

The Indian Treasury of English Verse Edited with Introduction and Notes by S G Dunn *Oxford University Press Hornby Road Bombay*

The Cloister and the Hearth, by Charles Reade
Abridged and simplified by S G Dunn *Oxford University Press, Hornby Road, Bombay* Re 1

Pioneers Progress by H of Hayens *Collins Clear Type Press, London*

The Story of Francis Drake by H R Ford *Herbert Strang's Readers Grade IV Oxford University Press, Bombay*

Our Great Adventure, by H Strang <i>Herbert Strang's</i> <i>Readers Grade 3</i>	} <i>Oxford University Press Bombay</i>	} 6d
Cedric the Saxon by H Strang & L L Weldon <i>Herbert</i> <i>Strang's Readers, Grade 3</i>		

Prose Text for Junior Forms—2 volumes

Robinson Crusoe by D Defoe edited by C L Thomson
Horace Marshall & Son, London 9d

Rip Van Winkle by Washington Irving Edited by C L Thomson *Horace Marshall & Son London* 9d.

Sohrab and Rustum by J C Nesfield *Eastern Fables and Folk Tales Grade IV Macmillan & Co* Re 0-3-6

Some Adventures of Hatim Tai by J C Nesfield.
Eastern Fable and Folk Tales Grade V. Macmillan & Co. Re. 0 4-0

Easier English Unseen by Professor A C Mukerji,
M A Published by *Macmillan & Co., Ltd, Calcutta*

Brave Deeds Done in the Great War, re-told by A. C. Clayton. Published by the *Christian Literature Society, Madras*. 3 annas.

Threads in the Web of Life by M. R. Thomson and A. J. Thomson. *Macmillan & Co* 1s. 6d.

Threads in the Web of Life by M. R. Thomson and A. J. Thomson. *Macmillan & Co.* 12 annas.

No. 43.—The Heroes or Greek Fairy Tales by C. Kingsley. *Children's Classics, Intermediate II. Macmillan & Co.* 3½d

No. 44.—The Little Duke by C. M. Yonge. *Children's Classics, Intermediate II. Macmillan & Co.* 3½d.

No. 53.—Drake and Raleigh. *Children's Classics, Senior. Macmillan & Co.* 4d.

No. 54.—Story of Little Nell by C. Dickens. *Children's Classics, Senior. Macmillan & Co.* 4d.

Arabian Nights Entertainments (illustrated). *Collins Clear Type Press, London.* 6d.

Arnold's Junior Story Readers—2 volumes.‡

No. 19.—Robinson Crusoe, *Edward Arnold, London.* 2d.

No. 23.—The Tempest, *Edward Arnold, London.* 2d.

Longmans' Class Books of English Literature. The King of the Golden River by John Ruskin. (New edition.) *Longmans, Green & Co, Bombay.* 6d.

Hereward the Wake by C. Kingsley. Abridged and simplified by H. Martin *Oxford University Press, Bombay.* Re. 1.

The Prisoner of Zenda by Anthony Hope. Abridged and simplified by E. V. Rieu. *Oxford University Press, Bombay.*

The "A. & L." *Bright Story Readers.*—No. 261.—The Coral Island by R. M. Ballantyne. *E. J. Arnold & Son, Leeds.* 4d.

The Wonderful Voyages of Gulliver.—Re-told by Mrs. E. L. Elia. *George G. Harrop & Co., London.* 5 annas.

Hereward the Wake—Re told for Boys and Girls (Historical Romances Series) by A F Jackson *T O & L, C Jack, London* 9d

Stories of Robin Hood—Told to the Children by H E Marshall, with Pictures by A S Forest *T O & L C Jack, London* 15 annas

For Classes IX and X

The "A. L." Bright Story Reader. Grade S no 78
The Tower of London by W H Ainsworth Abridged by W H Webster *E J Arnold & Son Leeds* 7d

For Class IX

The 'A. L.' Bright Story Readers, Grade 1—No 136—
Caliph for a Day (Arabian Night's Entertainments) newly told by J B Marshall *E J Arnold & Son Leeds* 5d

For Class X

. Last of the Barons—Re told for Boys and Girls (Historical Romances Series) by C E Smith *T O & E C Jack, London* 9d.

Forest Days—Re told for Boys and Girls (Historical Romances Series) by A F Jackson *T O & L C Jack, London* 9d

Crecy and Poitiers—Re told for Children (Historical Romances Series) by A F Jackson *T O & E C Jack London* 9d

Ivanhoe—Re told for Children (Historical Romances Series) by A F Jackson *T O & L C Jack, London* 9d

Stories from Tagore *Macmillan & Co* Re 1

II—MATHEMATICS

There will be two papers each of three hours—one in Arithmetic and Algebra and the other in Geometry and Mensuration

(a) SYLLABUS

1 Arithmetic—Notation and numeration The four simple rules The four compound rules in British and

Indian money and in Indian weights and measures in common use in the United Provinces. British and Metric system of measuring length, area, volume, capacity and weight, Factors. Prime numbers G. C. M. or H. C. F. by factors. L. C. M. Vulgar fractions. Vulgar fractions of concrete quantities. Practice. Decimal fractions (excluding theory of recurring decimals). Decimal fractions of concrete quantities. Square root. Ratio. Simple and compound proportion. Proportional parts. Average. Decimal approximations (including approximate value of recurring decimals). Contracted methods in the four rules in decimals. Percentages. Profit and loss. Simple and compound interest. Present worth and true discount. Problems (the use of algebraical equations is allowed in solving problems.)

2. *Algebra*.—The four simple rules. Fractions. Greatest common measure. Least common multiple. Factors. Proportions. Simple Equations of one or more unknown quantities with easy problems. Square root. Quadratic equations of one unknown quantity with easy problems. Graphs of statistics. Graphs of straight lines. Graphical solution of linear simultaneous equations. Simple graphical problems.

N. B.—Candidates will be provided with squared paper, if necessary.

3. *Geometry*.—The course includes both practical and theoretical Geometry, and every candidate will be expected to answer questions in both branches of the subject. The questions on Practical Geometry will be set on the constructions contained in the annexed schedule A, together with easy extensions of them. All figures should be drawn accurately, for which purpose every candidate should provide himself with a graduated scale, a pair of set squares, a protractor, a compass, and a hard pencil. The questions on theoretical Geometry will consist of theorems contained in the annexed schedule B together with easy extensions and deductions with numerical illustrations. Any proof of a proposition will be accepted which appears to the examiners

to form part of a systematic treatment of the subject the order in which the theorems are stated in schedule B is not imposed as the sequence of their treatment. In the proof of the theorems hypothetical constructions will be permitted.

B—Candidates will be provided with squared paper if necessary.

SCHEDULE A

Bisection of angles and of straight lines

Construction of perpendiculars to straight lines

Construction of an angle equal to a given angle

Construction of parallels to a given straight line

Simple cases of the construction from sufficient data of angles and quadrilaterals

Division of straight lines into a given number of equal parts

Construction of a triangle equal in area to a given polygon

Construction of tangent to a circle and of common tangents to two circles

Simple cases of the construction of circles from sufficient data

Construction of rectangle equal to a given polygon

Construction of a rectangle on a given base equal in area to a given rectangle

Construction of a square equal to a given rectangle.

Construction of a rectangle of given area the sum or difference of whose sides is given. (These constructions should be based on the propositions on the Geometry of the circle.)

Construction of a fourth proportional to three given straight lines and a mean proportional to two given straight lines.

Construction of regular figures of 3, 4, 6, or 8 sides in or about a given circle.

SCHEDULE B.

Angles at a point.

If a straight line stands on another straight line, the sum of the two angles so formed is equal to two right angles; and the converse.

If two straight lines intersect, the vertically opposite angles are equal.

Parallel Straight Lines.

When a straight line cuts two other straight lines, if—

- (i) a pair of alternate angles are equal, or
- (ii) a pair of corresponding angles are equal, or
- (iii) a pair of interior angles on the same side of the cutting line are together equal to two right angles, then the two straight lines are parallel; and the converse.

Straight lines which are parallel to the same straight line are parallel to one another.

Triangles and Rectilineal Figures.

The sum of the angles of a triangle is equal to two right angles.

If the sides of a convex polygon are produced in order the sum of the angles so formed is equal to four right angles.

If two triangles have two sides of the one equal to two sides of the other, each to each, and also the angles contained by these sides equal, the triangles are congruent.

If two triangles have two angles of the one equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other, the triangles are congruent.

If two sides of a triangle are equal, the angles opposite to these sides are equal; and the converse.

If two triangles have the three sides of the one equal to the three sides of the other, each to each, the triangles are congruent.

If two right-angled triangles have their hypotenuses equal, and one side of the one equal to one side of the other, the triangles are congruent

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it, and the converse

Of all the straight lines that can be drawn to a given straight line from a given point outside it the perpendicular is the shortest

The opposite sides and angles of a parallelogram are equal, each diagonal bisects the parallelogram and the diagonals bisect one another

If there are three or more parallel straight lines and the intercepts made by them on any straight line that cuts them are equal then the corresponding intercepts on any other straight line that cuts them are also equal

Areas

Parallelograms on the same or equal bases and of the same altitude are equal in area

Triangles on the same or equal bases and of the same altitude are equal in area

Equal triangles on the same or equal bases are of the same altitude

Illustrations and explanations of the geometrical theorems corresponding to the following Algebraical Identities —

$$k(a + b + c + \dots) = ka + kb + kc + \dots$$

$$(a + b)^2 = a^2 + 2ab + b^2$$

$$(a - b)^2 = a^2 - 2ab + b^2$$

$$a^2 - b^2 = (a + b)(a - b)$$

The square on a side of a triangle is greater than equal to or less than the sum of the squares on the other two sides according as the angle contained by these sides is obtuse, right, or acute. The difference in the case of inequality is twice the rectangle contained by one of the two sides and the projection on it of the other

Loci.

The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consists of the pair of straight lines which bisect the angles between the two given lines.

The Circle.

A straight line drawn from the centre of a circle to bisect a chord which is not the diameter is at right angles to the chord; conversely the perpendicular to a chord from the centre bisects the chord.

There is one circle and one only which passes through three given points not in a straight line.

In equal circles (or in the same circle), (i) if two arcs subtend equal angles at the centres, they are equal; (ii) conversely, if two arcs are equal, they subtend equal angles at the centres.

In equal circles (or in the same circle), (i) if two chords are equal, they cut off equal arcs; (ii) conversely, if two arcs are equal, the chords of the arcs are equal.

Equal chords in a circle are equidistant from the centre; and the converse.

The tangents at any point of a circle and the radius through the point are perpendicular to one another.

If two circles touch, the point of contact lies on the straight line through the centres.

The angle which an arc of a circle subtends at the centre is double that which it subtends at any point on the remaining part of the circumference.

Angles in the same segment of a circle are equal; and if the line joining two points subtends equal angles at two other points on the same sides of it, the four points lie on a circle.

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right

angle and the angle in a segment less than a semi-circle is greater than a right angle

The opposite angles of any quadrilateral inscribed in a circle are supplementary, and the converse.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other

4 *Mensuration*—Areas of rectangle, circle, triangle and (after measurement) of any rectilineal figure. Length of the circumference of a circle

The following books are suggested—

For *Algebra*—

ROSS *Elementary Algebra Part I*, Longmans Green & Co.

BAKER and BOURNE *Elementary Algebra Part I* G. Bell & Sons

H. S. HALL *School Algebra Parts I—II*, Messrs Macmillan & Co

In *Geometry*—

HALL and STEVENS *A School Geometry Parts I to IV*, Messrs Macmillan & Co

For *Arithmetic*—

GRANT *Advanced Arithmetic* Indian School Supply Depot Calcutta

III—HISTORY AND GEOGRAPHY

There will be two papers, each of three hours—one in History and the other in Geography

History

Syllabus—Outline of Indian History from the earliest time to the present day, and Outline of English History from 1455

The following books indicate the scope and standard of knowledge required :—

Indian History.

V. A. Smith.—Oxford Students' History of India (Oxford University Press, Calcutta).

Thompson.—History of India (Christian Literature Society, Madras).

Har Prasad Shastri : History of India (Blackie).

Hoernle and Stark : A History of India (Orissa Mission Press, Cuttack).

Students' Atlas of Indian History (Macmillan).

English History.

J. S. Lay : The English People (Macmillan).

Oman : Junior History of England (Arnold).

Geography.

Syllabus.

I. (a) Shape of the Earth, rotation and revolution; latitude and longitude, simple map projections; duration of day and night; seasons.

(b) Outlines of the relief and drainage of the lands and the nature and origin of the chief land-forms, including coastal configuration.

(c) The atmosphere. Weather and climate. Seasonal-distribution over the globe of insolation, temperature, pressure and rainfall. Winds; Ferrel's law, Buys-Ballots, law, cyclones and anti-cyclones. Climatic regions.

II. (a) The world treated according to its major natural regions. The knowledge of the principles of physical geography and of the geographical distributions should be applied to the study *in outline* of the major natural regions of the world.

(b) The influence of his environment on man, his activities, his industries; exchange of commodities; communications; growth of towns.

III Geography of India in fuller detail

Books recommended —

Mackenzie and Tydeman The World in Outline (Indian Press Allahabad Re 1)

Herbertson Junior Geography Oxford University Press, 3s 6d

Herbertson (F D) Elementary Geography Vol Physiography

L F Strange Junior Course of Comparative Geography George Philip & Son 37 Fleet Street London 3s 6d

Morrison Junior Geography of India Burma and Ceylon, T Nelson & Sons London 1st annas

Morrison New Geography of the Indian Empire and Ceylon Nelson Re 1

Indian School Atlas Oxford University Press 1s

Bartholomew's New Indian School Atlas

Books for teachers —

Herbertson Senior Geography (Oxford University Press) 3s 6d

Mill International Geography Macmillan 12s

Tar and McMurry World Geography Macmillan 5s

Chisholm Smaller Commercial Geography Longmans 3s. 6d

Lyde Man and his Markets Macmillan 9s

Herbertson Man and his Work (Black) 1s 6d

Davis Physical Geography (Ginn) 5s. 6d

Mill Elementary Realm of Nature (Murray) 5s

Unstead and Taylor Essentials of World Geography Philip 9s

Books recommended for general reading for boys —

Highways to Geography Nelson

Lands and their Stories Blackie

Peeps into Many Lands Blackie

IV.—VERNACULAR (HINDI, URDU, BENGALI, etc.).

There will be two papers, each of three hours in each of these languages : one paper will be set in Prose and Unseen, and the other in Poetry and Composition. Grammatical questions will be set in both the papers. The ability of the Urdu candidates to read *shikast* will be tested by means of a paper set for the purpose.

The following are the text-books prescribed :—

Hindi.

1. Ram Charita Marsa, abridged by Shyam Sunder Das.

2. Abhigyan Shakuntala Natak by Raja Lakshman Sinha (in Prose and Verse):

or

Hindi Selections in Prose and Poetry. (Published by Ram Dayal Agarwala.)

3. Sankshipt Hindi Vyakarana compiled by Pandit Kamta Prasad and published by Nagri Pracharini Sabha, Benares;

or

Hindi Grammar by Pandit Madho Prasad Pathak.

Urdu.

1. Guldasata-i-Adab by P. Manohar Lal Zutshi (Indian Press, Allahabad);

or

Tuzuk-i-Urdu by Muhammad Ismail (Nawal Kishore Press, Lucknow).

2. Sarumaya-i-Urdu by M. Ahmad Ashraf, Retired Head Maulvi, Government High School, Allahabad.

3. Qawaid Urdu for High Schools by Maulvi Jamal Uddin Haidar

For *Shikast*, the book recommended is—

Inshai Jadid (Majmua Kaghzat Karrawai), Part II by M. Asmatullah, 2nd Maulvi, Government High School, Meerut. (Lala Kedar Nath, Publisher, Meerut.) 5 annas.

Bengali

1 Sitar Vanabasa by Pandit Ishwar Chandra Vidya-sagar (Prose)

2 Katha O Kabini by Labindra Nath Tagore (Poetry)

3 Mahabharatiya Niti Katla in Bengali, Parts I and II by Rajendra Nath Kanj Lal 3 Madan Mitra Lane, Calcutta Rajendra Chandra Ghosh 33 Cornwallis Street Calcutta 12 annas each

4 Bhasha Bodh Vyakaran by Nakuleshwara Vidya-bhushan Re 1

Parbat

1 Mahabharata (Gadaparva Striparva Saupthikaparva) — Prabhakar Company Benares

2 Bankshipta Ramayan published by the Superintendent, Education Department Nepal

3 Nepali Grammar by Pts Parasmani Pradhan and Sheshmani Pradhan Lalimpong

Marathi

Prose—Gadyaratnamala by S G Bapat

Poetry—(1) Moropant's Kehavali by Professor Sridhar Vishnu Paranjpy published in the *Airway Sagar Press Bombay*, and

(2) Raghunath Pandit's Naladmayantiavayam-barakhyana only 224 verses as published in the Navanit by the late Mr Parasha rampant Godbole

Grammar—R B Joshi's Marathi Grammar—Praudhabodha

Recommended for the use of teachers—Marathi Grammar by M K Damle (Published by the Induprakash Bombay)

Gujrati

Karanglalo by Nand Shankar.

Kateya Dehan, about 100 pages of the portion containing Nalakhyaana

Grammar—Taylor's Gujarati Grammar

Uriya.

Prabandhamala, by M. S. Rao, pages :—115.

Jagannathdas—Bhagabata. XI Skandha.

Telugu

Prose—Nīticendica Sandhi by K. Veersalingam.

Poetry—Plaskursata Kamu. The whole.

Tamil.

Tamil Text-book (for Group C) published by order of the Director of Public Instruction, Madras, by S. P. C. K. Press, Vepery, Madras.

B.—OPTIONAL SUBJECTS.

I—CLASSICAL LANGUAGES.

There will be two papers, each of three hours, in each of these languages: the first paper will be in the prescribed texts and Grammar, and the second paper in Translation, Composition, and Unseen.

SYLLABUS.

(a) Sanskrit.

Paper I (a) Text-books. (i) Mitra-labha (Hitopadesh) and (ii) Bhartrihari—Nīlishataka.

NOTES.—1. No particular edition is prescribed: any objectionable passages may be omitted by teachers

2. The students should be taught to understand the passages with context and the substance and to learn the paraphrase, i.e., the synonyms of the words in Sanskrit, analysis of the compounds, Sandhis, and the prose order of the poetry pieces

(b) *Grammar.*—Simple Sandhis. Declension of nouns and pronouns of frequent occurrence, conjugation of verbs of frequent occurrence, but omitting those of adadi (अदादि), rudhadi (रुधादि), juhadyadi (जुहात्यादि) and kryadi (क्रयादि) classes, in लट्, लाट्, लङ्, विधिलिङ् and लृट् only.

Books recommended in Grammar —

1. First Book Sanskrit by Bhandarkar
- 2 R. K. Banerjee's Sanskrit Grammar.
3. Sanskrit Prathama Pustaka (संस्कृत प्रथम पुस्तक) by Professor Ram Bihari Lal, D A. V. College, Cawnpore
- 4 Upakramanika (उपक्रमलिका) printed by Khadga-vilas Press, Banharpori.

N.B—Questions on Grammar exclusively should be asked from the prescribed books as far as possible and should carry about one third of the total marks

Paper II —Unseen and Translation —

- (a) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate, (b) substance of easy passages from the abovementioned books to be expressed in English, and (c) translation of easy English prose sentences into Sanskrit

Book recommended for rapid reading —

Kusuma mala (part I) by V S Apte

Book recommended for composition —

Sanskrit Teacher by K P Trivedi

N B—Sanskrit must be written in the Devanagari character.

(b) Arabic

Prescribed course—

Majmaul Adab by Louis Cheikho, published by Auwar Ahmadi Press, Allahabad, or Sallum ul adab (published by Rai Sateb Munshi Gulab Singh Mufid : Am Press, Lahore) Grammar—Mabadiul Arabia مبادئ العربية Urdu edition edited by Maulvi Izzat Ullah (C Majidi Press, Cawnpore)

Books recommended for rapid reading مدارج القراءات Ma-darijul qiraat, published by Muhtabai Press, Delhi.

NOTE—Arabic words must be written in the Arabic character

Book recommended for the use of teachers:—*

Anglo-Arabic Stories, by Maulvi Abdul Bashir Muhammad Osman Ghani, A. S. Ahmad-ur-Rahman, 41, Kalta Bazar, Dacca, 10 annas.

(c) Persain.

Prescribed course—

(i) Text—

Prose—Gulistan, سعدی and دیباجہ (excluding from یغنیہ ذلک من رجم العنایت to من هان انکار کہ تقریر , Anwar Suheili, from علیہ التکلان to آغاز داستان دابشليم omitting from پیش از آنکہ to نگاه و half line).

Ruqaat Alamgiri.—

- (۱) رقعہ مہین پور خلافت فرزند و حضرت اعلیٰ
- (۲) رقعہ مہین پور خلافت باوجود.... والسلام علی من اتبع الهدی
- (۳) رقعہ مہین پور خلافت منعم خان زون باش - والدعا
- (۴) رقعہ فرزند سعادت توام عالیجہ من معاف دارند
- (۵) رقعہ فرزند عالیجہ این نقل زمانی میلش بکہ باشد
- (۶) فرمان بنام شاہزادہ سوم دراز کشید والسلام
- (۷) فرمان بخط انور در حالت نزع الوداع
- (۸) رقعہ فرزند عالیجہ بہ اظهار جاسوسان ریاست و ملکہ ادبی کذاب

(۹) رقعہ - ما کہ پان نمی خوریم والمئنتہ

(۱۰) نقل شقہ شاہ عالیجہ عمال نگرفتہ ایم

Poetry.—Bostan, the Syllabus for 1921 (excluding 6, 7 and 8), Qasaid Saadi, Qasaid beginning with.
(۱) ایہا الناس جہاں جاے تن آسانی نیست

* In connection with the books recommended for the use of teachers in this prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually.

- (۲) خوش است سر و دریا که خاردانی نیست
(omit) (متن و چو نه اداها جهانی نیست)
- (۳) علم دولت نو روز ر متعرا برخواست
- (۴) چو مرد رهرو اندر راه حق نابت دهم گردد
- (۵) جهان بر آب نهادست و زندگی بر باد

(ii) Grammar—Qawaid Farsi by Jalaluddin Ahmad Jafari, published by Anwar Ahmadi Press Allahabad or Qawaid Farsi—Amali قواعد فارسی عملی by Maulvi Ishaq Ali of Allahabad University (Indian Press Allahabad)

Rapid Reading—Farsi Jadid, Part II (2nd edition), by Maulvi Sayed Muhammad Ali Irani Professor H. E. H. the Nizam's College Hyderabad Decan or آیار دانش Ayar Danish as published by Anwar Ahmadi Press, Allahabad.

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text books and in the books recommended for rapid reading in Persian

NOTE—Persian words must be written in the Persian character

(d) Latin

Two papers will be set as follows —

Paper 1 — Prescribed Prose and Poetry

Text-books —

Prose—Caesar De Bello Gallico Books IV and V.

Poetry—Virgil Aeneid, Books II and III

Paper 2—Grammar Composition and Unseen

Paper 1 shall contain passages from the prescribed books together with questions relating to subject-matter and language.

Paper 2 shall include (a) questions on Grammar (b) sentences for translation into Latin (c) an easy continuous

passage for translation into Latin, and (d) an easy unseen passage for translation into English, a vocabulary of the less familiar words being given.

II.—COMMERCE.

The examination will consist of two papers:—(a) one paper on business, or Commercial Practice and (b) one paper on either (i) typewriting or (ii) book-keeping.

NOTES.—1. In type-writing—theory paper of one and a half hour's duration.

2. Book-keeping paper of two and a half hours' duration.

The following is the Syllabus in each subject:—

Business or Commercial practice.—Office routine—Drafting simple business and official letters; preparation of telegrams and cablegrams, including a knowledge of simple codes. Docketing, filing, copying and despatch of letters. Ordinary postal regulations, use of postal forms, such as Money Order, V. P. P. Acknowledgment, Registration, and Insurance forms. Post Office Saving Bank Accounts. Telephone. Simple duplicating and other labour saving appliances.

Meaning of ordinary commercial terms and abbreviations. Preparation of simple commercial documents, such as indents, invoices, bills of exchange, promissory notes, statements of accounts. Nature and use of Bills of Lading and railway receipts. Simple banking transactions, involving the nature and use of cheques, deposit slips and pass books. *Time allowed*—2½ hours.

Type-writing.—There will be no practical examination on the Type-writer, but only a theory paper involving questions on—

- (a) the mechanical construction of the type-writer;
- (b) care of the machine;
- (c) display of matter, including headings and titles, centering, contractions and abbreviations; hyphenation; punctuation; stencil cutting;

adaptation of one or more characters to represent characters not given on the keyboard, corrections; erasures *Time allowed—1½ hours*

There will also be a second paper, consisting of Type-copying of three manuscripts. *Time allowed—1 hour.*

Book-keeping—Elementary theory of double entry book-keeping Preparation and keeping of the Cash Book, Bought and Sold Books, Returns Books Bills Receivable and Bills Payable Books Journal and Ledger, recording therein simple transactions involving purchases and sales, bills receivable and payable, real, personal, and nominal accounts, such as rent, salaries, interest, discounts, bad debts, and depreciation, Drawing up the Trial Balance. Closing the Ledger, and preparing Trading and Profit and Loss accounts, and Balance Sheet, Simple banking transactions involving the nature and use of cheques, Deposit slips, and Pass Book, and preparation of Bank Reconciliation Statements. The nature and use of Bills of Exchange and Promissory Notes Petty Cash and Imprest Systems

III—SCIENCE (PHYSICS AND CHEMISTRY)

No candidate shall ordinarily be admitted to the examination in this subject who has not taken the optional science course in Classes VII and VIII

The examination will consist of two papers, one in Physics and one in chemistry, each of three hours

Physics

SYLLABUS.

Definitions of Physics and Chemistry. Measurements of length, area volume, mass and weight, the Balances Density, specific gravity. Principle of Archimedes. The three states of matter Simple barometer.

Heat.—Expansion of solids, liquids, and gases, temperature, thermometers, melting and boiling points, conduction, convection, and radiation. Unit of heat, specific heat, change of state, latent heat.

Light.—Rectilineal propagation of light. Reflection, refraction, mirrors, simple lenses, and prisms. Position of object and image.

Magnetism.—Attraction and repulsion, magnetization, terrestrial magnetism, magnetic meridian. The compass.

Electricity.—Production by friction. Attraction and repulsion. The electroscope, conductors, and insulators

A simple cell, magnetic and heating effect of a current.

Chemistry.

Common properties of matter—Hardness, porosity, brittleness, solid, liquid, and gaseous states. Change of state. Melting and boiling points. Crystalline shape. Effect of heat on common things. Solution in water. The above to be studied with NaCl , KNO_3 , CaCO_3 , Na_2CO_3 , CuSO_4 , FeSO_4 , ZnSO_4 , Fe , Zn , Sn , Mg , Pb , Hg and P .

Solution, melting, evaporation, distillation, filtration—solution in water and alcohol. Slow and rapid evaporation, saturated solutions.

Crystallization studied with solutions in water and melted sulphur. Distillation of water. Elementary and compound substances. Metals and non-metals. Chemical symbols, chemical action, the laws of definite and multiple proportions, atoms, molecules, atomic and molecular weights, valency, relation between equivalent and atomic weight. Simple formulae and equations.

Study of air—Rusting of metals, oxidation, active and inactive gases in air. Burning of phosphorus. Meaning of combustion, slow combustion studied with Fe , Mg , P .

Oxygen gas—Prepared from oxide of Hg , and KClO_3 . Important properties.

Preparation and properties of the following:—

H , N , NH_3 , Cl , HCl , HNO_3 , CO_2 .

Study of water — Action of steam on red hot iron filings
 Action of Na on water Action of Mg on water Electrolysis of water

NOTE—The detailed course given below indicates the minimum amount of practical work required to be performed by students and suggests a method of treatment of the syllabus for the guidance of teachers. They may substitute other experiments of equal educational value. Practical work should be co-ordinated with the theoretical work and follow it consecutively as far as possible. The practical experiment should be performed individually so far as can be arranged.

The use of stenoids in answering question papers in science is not allowed.

Four years' course in Science

NOTE—Experiments marked by an asterisk in the syllabus for classes VII and VIII may be done in class IX if classes VII and VIII are large; facilities for practical work limited or the time table in Science restricted to only 3 periods of $\frac{1}{2}$ hour each per week.

FIRST YEAR

(Class VII)

Subject	Detailed syllabus.	List of experiments which should be done by the pupils
Length	Unit in British system and Metric system Calculations: Measurement of straight line Measurement of curved lines: Rules for the length of the circumference of a circle	1 Find the number of cm. in 1 inch 2 Measure the circumference and diameter of a circle and to find the value of π
Area	Units in British system and Metric system Rules for area of a rectangle Calculations Use of squared paper to find the area of figures other than rectangles Formula for the area of a triangle	3 By squared paper prove the formula for the area of a rectangle 4 By squared paper find the area of a triangle and irregular figures

Subject.	Detailed syllabus.	List of experiments which should be done by the pupils
Volume	Units in British and Metric system. Rule for the volume of a rectangular solid. Calculations. The graduated cylinder The Burette ..	5. Use of graduated cylinder to find the volume of large solids and the capacity of large vessels. 6. Use of burettes to find the volumes of small solids and the capacities of small bottles
Weight ..	Distinction between mass and weight. Units in British system and Metric system. The balance.	7. Simple exercise in weighing, e.g., find the number of gm. in 1 ounce
Density	Definition .. Calculations ..	8. Find the density of solids, being given rectangular pieces 9. *Find the density of common liquids by means of burette
Heat ..	Expansion of solids, liquids and gases by heat. Construction of a thermometer. Explanation of Centigrade thermometer	10. Simple observations with the thermometer, e.g., find the boiling points of water and alcohol.

SECOND YEAR.

(Class VIII.)

Subject	Detailed syllabus	List of experiments which should be done by the pupils.
Heat ..	Comparison of Centigrade and *Fahrenheit thermometers. Calculations.	1. Observation with the thermometer, e.g., cooling curve for water.
Area ..	Formula for the area of a circle. Calculations.	2. By means of squared paper or by weighing find the ratio of the area of a circle to the area of the square on its radius.

THIRD AND FOURTH YEARS.

(Classes IX and X.)

Classes IX and X will have six periods of Science per week—for at least 27 working weeks; this gives a total of 162 periods in Class IX.

Subject.	Detailed syllabus.	Minimum list of experiment which should be done by the pupils individually.
Heat	Unit of heat. Quantity of heat. Calculations. Specific heat. Latent heat. Latent heat of vaporisation.	1. Determination of specific heat of solids. 2. Latent heat of fusion of ice. Latent heat of vaporisation of water.
	Effect of dissolved substances on boiling point.	To find B. P. of solutions of calcium chloride. Solution of differing strengths.
Chemistry	Distillation. Purification of water.	To find tubes, bore corks, set up apparatus for distillation and find B. P. before and after distillation.
	Elements and compounds.	To examine the elements sulphur, copper, lead, mercury, zinc. To examine the compounds, ferrous sulphate, copper sulphate, lead oxide; mercury oxide and regain the elements.
	Metals and non-metals, properties:—	
	<i>The atmosphere.</i> Combustion, active and inactive air.	Burning a candle in a bell jar. Repeat with sulphur, phosphorus. To measure the proportion of air used up when a substance burns in air.
	Rusting	To show iron will not rust in dry air. To measure the air used up when iron rusts in air.
	Increase in mass in rusting and burning.	To show increase in mass when magnesium and iron burn in air and when iron rusts in air—when a candle burns in air.

Subject	Detailed syllabus	Minimum list of experiments which should be done by the pupils individually
	<p>Explanation of above. Introduction of terms 'Oxygen' and 'Nitrogen' — Oxygen</p> <p>Metals and non metals Oxide Nitrogen. Its use in the atmosphere. .</p> <p>Water not an element</p> <p>Resume of above. Introduction of term, 'Hydrogen'.</p> <p>Preparation of Hydrogen and its properties.</p> <p>Carbon . . .</p> <p>Demonstration lesson. Carbonic acid gas Chalk</p>	<p>Preparation from mercuric oxide and potassium chlorate in small quantities and on large scale from manganese dioxide and potassium chlorate its properties To show loss in mass when potassium chlorate is heated.</p> <p>Their basic and acidic properties</p> <p>Properties to find accurately percentage of nitrogen in air by pyrogallic acid (Lecture room)</p> <p>Action of sodium on water Action of magnesium on boiling water Action of steam on iron Examination of oxide of iron formed Increase in mass Comparison with iron rust</p> <p>From zinc and sulphuric acid What happens to the gas What happens when hydrogen burns in air Explosion of hydrogen with air Electrolysis of water and its composition by volume Action of hydrogen on copperoxide when heated (Lecture room)</p> <p>Properties and varieties</p> <p>Formation when carbon or carbonaceous matter burns in air Effects of acids on chalk Examination of the gas, properties of gas obtained by effect of strongly heating chalk Examination of lime difference between properties of chalk and lime loss in mass on heating chalk</p>

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
Light ..	<p>Resume of above. Animal and plant life.</p> <p>Reflection of light by plane mirrors.</p> <p>Laws of reflection. Images.</p> <p>Reflection of light by concave spherical mirrors</p> <p>Focal length of concave spherical mirrors.</p> <p>Position of object and image. Refraction of light. Laws of refraction. Refractive Index. prisms, path of a ray of light through a prism. Lenses.</p> <p>Focal length of a convex lens</p> <p>Position of object and image.</p>	<p>Formation of oxygen by plants.</p> <ol style="list-style-type: none"> 1. Verification of the "Angle" law of reflection at plane mirror. 2. Finding the focal length of concave mirror. 3. Verification of the law of refraction of light 4. Tracing the path of ray of light through a prism. 5. Focal length of lens.
Magnetism {	<p>Magnet</p> <p>Magnetic attraction and repulsion.</p> <p>Magnetization and demagnetization.</p> <p>The earth as magnet. Magnetic meridian.</p> <p>The compass.</p>	<ol style="list-style-type: none"> 6. Verification of the law of magnetic attraction and repulsion. 7. Making a magnet. 8. Demagnetizing a magnet. 9. Marking a N. S. line.
Frictional electricity. {	<p>Production of electricity by friction.</p> <p>Electrical attraction and repulsion.</p> <p>Two kinds of electrification. The electroscope.</p> <p>Conductors and insulators.</p>	<ol style="list-style-type: none"> 10. Electrification of rods of glass, ebonite, etc. 11. Verification of laws of attraction and repulsion. 12. Charging an electroscope 13. Finding by means of the electroscope whether bodies conduct or insulate.
Current electricity. {	<p>A simple cell ..</p> <p>Magnetic effect of a current.</p> <p>Electrical bell, electric lamp.</p> <p>Very simple explanation of the telegraph.</p>	<ol style="list-style-type: none"> 14. Making a simple cell. 15. Finding by experiment the magnetic effect of a current on a magnetic needle.

NOTE —In class X time is left for revising the whole course in preparation for the High School Examination.

(b) Books recommended for use in chemistry —

Chemistry for Indian Schools for Standards IX and X by E. G Hill Professor of Chemistry, Muir Central College, Allahabad *Indian Press, Allahabad* Re 1

Physics and Chemistry for Secondary Schools in India Parts III and IV in one Volume by E. G Hill and A H Mackenzie, *Macmillan and Co*, 1918 Re 1-8

*Books recommended for the use of teachers —

Practical Chemistry volumes 1 and 2 for Standard VII of High Schools in the Bombay Presidency, by H E H Pratt Gannas

{ *Oxford University Press, Bombay*

The following books in Physics are recommended for teachers reference library —

A class book of Physics by R A Gregory and H E Hadley *Macmillan and Co*, Lessons in Science by R A Gregory and A T Simmons *Macmillan and Co* Re. 1-8 0

A course of Physics by O. H Draper

Popular and Natural Philosophy by Ganot

IV — AGR CULTURE (AGRICULTURAL BOTANY)

The examination will consist of two papers of three hours each, and a practical test. The first paper will be on the subject-matter in the syllabus up to and including sub-section 5 — Soil and the second paper on the remaining portion

Syllabus

1 Typical Plant Mustard or Bean — Students should be supplied with entire plants dug up and the roots freed from soil by washing

A — The root arrangement of branches origin of rootlets, root hairs, root cap the woody centre as seen in cross sections

*In connection with the books recommended for the use of teachers in this Prospectus it should be noted that the same in addition a number of books approved for the use of teachers generally (v de list of books approved for the use of teachers of Anglo Vernacular and Vernacular Schools dated the 31st July 1916 and its supplements issued annually)

B.—*The shoot* : Cylindrical stem ; nodes and internodes ; apex and bud ; appendages of two kinds ; origin of appendages woody centre as shown in the cross-section.

C.—*The flower* : the parts ; successive appearance in the inflorescence.

D.—*The fruit* : development from the pistil ; ripening accompanied by withering of the plant.

2. *The Seed : Bean*—

A.—Position in, and attachment to, the walls of the fruits.

B.—Parts of the seed dissected out.

C.—Comparison with the seeds of the gourd.

3. *The seed and Germination*.—

A.—*Conditions necessary for germination* :—

(1) Water—Absorption ; by dead and live seeds absorption from water, moist earth, damp air ; amount of absorption ; method of absorption.

(2) Air and oxygen—necessity of air ; method of entry into embryo.

(3) Heat—comparison of germination at different seasons.

(4) Light—not necessary for germination.

B.—*Respiration of germinating seed* : absorption of oxygen ; evolution of carbon dioxide ; loss of weight.

C.—*Heat produced by germination*.

D.—*Food material stored in the seed* : starch ; sugar ; gluten, oil ; digestion of these and the absorption by the embryo ; sufficiency of these for the support of the embryo, during germination only.

E.—*Emergence of the seedling* : difference in behaviour of the cotyledons.

4. *Roots and their work*—

A.—Tap and the true root—adventitious roots ; cuttings and layers.

✓ B — Direction of growth—tap, secondary and tertiary roots, influence of moisture

C — Functions of the root —

- (1) Absorption of water, root pressure
- (2) Absorption of soluble matter from the soil.
- (3) Fixation of the plant.

5. *Soil* — What is soil? Different kinds of soil, recognition of different kinds of soils in the field and from samples in the class-room, formation of soils, weathering, local and transported soils (To illustrate the transportation of soils the pupils should be made familiar with the formation of the soils of the Gangetic plain) Effect of tillage.

6. *Water in soil* — Capillary movement of water in soils, conservation of moisture, loss by evaporation, behaviour of different soils in relation to water, relations of the ordinary operations of cultivation to the conservation of moisture, effect of tillage upon the conservation of moisture and on the supply of plant food, other methods to be followed for the conservation of moisture in soils, wells, percolation and spring, the principles underlying their construction, different water requirements of the various crops, local methods of irrigation, downward movement of water, drainage

7. *Rainfall* — Rainfall of the United Provinces, its distribution as affecting the system of cropping

8. *Leaves and their work* —

A — Structure of the leaf—

- (1) Parts of the leaf
- (2) Shapes, simple and compound
- (3) Veins connected through mid-rib and petiole with the wood of the stem

B — Function of the leaf—

- (1) Formation of starch in presence of light
- (2) Absorption of carbon-dioxide.
- (3) Re-absorption of starch.

(4) Respiration carbon-dioxide evolved.

(5) Transpiration.

C.—Successive appearance of leaves, leaf-fall.

9. *Stems and their work—*

A.—Forms of stems—length of internode, erect, climbing and underground stems.

B.—Structure of stems—radial or scattered bundles; secondary thickening annual rings; bark.

C.—Elongation of stems—apical growth; buds.

D.—Branching of stems—position of the lateral buds.

E.—Function of stems—arrangement of leaves; passage of food material and water.

10. *Flowers and their work—*

A.—Essential and non-essential organs.

B.—Pollination.

C.—Self and cross-fertilization; monoecism; dioecism transport of pollen.

D.—Function of the non-essential organs.

E.—Growth of the ovule.

11. *Fruits and seeds—*

A.—Ripening of the fruit.

B.—The commoner forms of fruit.

C.—The commoner forms of seeds.

D.—Dispersal.

12. *Types of plant—*

A.—Free, living, saprophytic and parasitic plants.

B.—Lower forms of plants:—

(1) Alga *spirogyra*.

(2) Fungus mould.

(3) Fern.

13. *Interdependence of plants and their surroundings* as illustrated by the local crops and the climate of the district.

NOTE.—Candidates will undergo a course of practical work in connection with the above syllabus.

Note for the guidance of teachers in the carrying out of the practical work in connection with the syllabus in Agricultural Botany

All specimens required for demonstration purpose should be obtained before each lesson period, so that the pupil's time is always properly utilized during each lesson

Special note-book should be kept by each pupil for practical work, neat sketches should be made and concise descriptions entered therein. These note-books must be kept properly up to date and ready for inspection by the Inspector or Examiner

As a general rule the pupils are to be supplied with individual specimens for personal examination and description. This particularly applies to paragraphs 1 and 2 (vide syllabus)

Cover's Plant Biology published by Messrs W. B. Clive, University Tutorial Press, 25 High Street New Oxford Street London, W. C., is recommended for the teacher only and the numbers attached to the experiments detailed below which are to be performed by the pupils refer to the number of the experiments given in that book

3A — (i) Vide syllabus, experiments 20, 22, 23—25, 40, 43, 50

(ii) Vide syllabus, experiments 54 77 79

(iii) 96, 97

3B — , 50—52

3C — " " 84

3D — , 103—108 109, 111 120, 121, 143 144

3E.—Compare emergence broad bean, *desi* sem, and castor (or cotton) plant

4B.—Experiment 165—167 169—172

4C.—(1) Experiments 203 205 For demonstration only 208—209

4C—(ii) Experiments 203, 205. For demonstration only 210.

8A.—(iii) Experiments 224, 225, 226, 227.

8B.—(i) „ 230, 232, 234.

(ii) „ 244, 250, 251.

(iii) Experiment 241.

(iv) Experiments 276, 277.

(v) „ 278, 284.

Throughout, and especially in such section as no. 11, the teacher should only explain examples of common plants growing wild or cultivated in the neighbourhood of the school.

When section 4C is reached, lessons in section 5 should be started. One-half of the lessons in each week to be devoted to sections 5, 6 and 7, until that portion of the syllabus which deals with certain elementary principles of agriculture is completed; while lessons on sections 8, 9, etc. are to follow immediately on the completion of 4C.

The following is the list of apparatus, etc., showing the minimum requirements for the above syllabus.

NOTE.—This list has been prepared for a class of twelve students working together. If more students have to work at the same time the number of articles to be used by each student should be increased proportionately.

If there be a doubt as to the name of any article, Messrs. Baird and Tatlock's catalogue for 1906 should be consulted :—

Name of article	Quantity.	Number in Baird and Tatlock's catalogue.
Chemical balances with grammes weights ..	2 ..	120
Beakers, 8 sets 1 (60 c. c.) to 6 (425 c. c.) ..	4 dozens ..	933
Aspirators, 2 Litres or bigger ..	2 „ ..	1,108
Bell jars ..	{ 2 without tubulures ..	1,004
	{ 2 with 1 tubulure ..	1,005
	{ 2 with 2 tubulures ..	1,012

Name of article.	Quantity	Number in Hand and Tailstock catalogue.
Brass spirit lamps	1 dozen	Base
Oil & ovens (Quar sec)	"	Do
Spirit & ovens small	1	Do
Air oven, 9X9X9 in or 10X10X10 in.	1	1342
Water oven	1	1343
Diet Relation apparatus if diet and water is not available		
Water bath	4	1352
Test tubes	1 gross	
tube stands	3 dozens.	
" holders	1 dozen.	
" cleaners	1 "	
Glass cylinders	40 (Ca, Cl 2 (owers).	
Bottles of various sizes with stoppers	1 gross	
Glass jars	1 dozen	1353
Glass covers to fit the glass jars	1	
Corks (hard navy) various sizes (rubber)	1 gross.	
" (rubber)	2 dozens.	
Cork borers	2	
Measuring cylinders 100 c. c.	4	1760
Burettes	4	
Buret & stands	4	
Funnels	1 dozen.	
Funnel stands	2	
Thistle funnels	3 dozens.	
T tubes	2 dozen	
G tubes	2 dozen	1151
Bjork's cups	1 dozen	
Plaskys, one size conical	2 dozens	Base
Wash bottles	3 "	
Wet gauze	3 yard by 1 yard.	
Deflagrating spoons	1 dozen	
Fly es triangular	1 "	2341
Iron stand	1	234
Retort stands with clamps	4	
Tri pods	1 & 2	
Triangles	1 "	
Thermometer 100°C	1 dozen	
Glass tubing of various bores	10 lb	
Gaspy tubing	2	
Glass rod	1	
Rubber tubing of various diameters each piece	10 feet	
Microscopes (compound)	"	Any student's pattern
Dissecting microscopes	4	
Simple lenses	6	
Dissecting knives	21 dozens.	
" scissors, fine p. into	21 "	
Forceps, fine	14	
Scalpels	6	
Slides glass, microscope	2 gross.	

Name of article	Quantity.	Number in Budget and Tat'ole's catalogue
Coverslips (square) ..	1 lb	
Microscopic prepared slides ..	2 sets (complete set for Caver's books)	
Razors	1½ dozens	
Culture tubes	6 "	299
" tube stands ..	1 dozen.	
Crucibles, porcelain, 1½ and 3 inches ..	1 "	
Porcelain basins, 3 inches ..	1 "	952
Germination boxes with glass front ..	23	
" " ordinary ..	1 dozen	Local manufacture
Dark boxes	2	
Glass tumblers	2 dozens	Bazar.
Small glass dishes ..	6 "	488
Watch glasses	6 "	Bazar.

V—DRAWING.

The examination will consist of three papers of two hours each.

SYLLABUS.

Freehand Drawing from the flat.—To copy to an enlarged or reduced scale.

Model Drawing.—Drawing of common objects or from casts shaded, and the following geometrical solids :—

Cubes, prisms, cylinders, cones, both right and oblique right and oblique sections of these solids, wedge, sphere.

Geometrical Drawing.—(1) The theory and use of instruments, especially of the protractor and Marquoise scale.

(2) Plain block-letter writing.

(3) The whole of practical plane geometry.

(4) Drawing to scale, viz, scale of chords, diagonal scale; plain scale; comparative scales (to be done in ink).

VI—MANUAL TRAINING

The examination will consist of one paper of three hours in Drawing and a practical examination of four hours in Woodwork

(1) SYLLABUS

(1) Woodwork—

- (a) A series of models, graduated in respect of the tool manipulations involved to be made in wood from working drawings (drawn in plan, elevation, side-view and conventional isometric projection) or from a given pattern in wood the construction of the models to involve the use of one or more of the following tools: Jack Plane Try Square Marking Gauge Marking knife Smoothing Plane, Tenon Saw, Bevel Screw Driver, Firmer Chisel, Hammer, Mallet, Bradawl, Nail Punch, Compass Firmer Gouge, Gimlet Frame Saw Spoke Shave Brace and Bit, File

The following joints at least should be included amongst the models —

Half lap Housing, Mortise and Tenon Half lap Dovetail, Box-Dovetail Edge Dovetail, Bridle

- (b) The care and maintenance in good working condition of the abovementioned tools, excluding the setting and sharpening of the saw

(2) Drawing—

Drawing in plan, elevation and side view of all models in the course and in conventional isometric projection of those of a rectangular shape

NOTE—1 A scheme drawn up on the above lines is given below Teachers need not keep strictly to the particular model mentioned in this scheme, but if any changes in the models are made these should not involve changes in the new tool manipulations employed The course should if possible, be commenced in class VII

2 Attention is invited to suggestions for teaching of Manual Training contained in Director of Public Instruction's circular no. 2 of 1917-18

*(b) Books recommended for the use of teachers :—

The Teacher's Handbook of Seojd, by O. Salloman.
George Phillip & Son. 6s.

Manual Instruction, Woodwork, by J. C. Pearson.
George Phillip & Sons. 6s.

McDougall's Light Woodwork, by David Thomas.
McDougall's Educational Company, London. 1s

The Scholar's Woodwork Class-book, by T. W. Berry.
Cassell & Co., London. 1s.

Practical Drawing, by T. S. Usherwood. *Macmillan & Co.* 2s.

Educational Handwork—Junior course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1s. 6d.

Educational Handwork—Intermediate course, by J. L. Martin and C. V. Manley. *Blackie & Son* 1s. 6d.

Educational Handwork or Manual Training, by A. H. Jenkins. *University Tutorial Press, Burlington House, Cambridge.*

The 'Self-help' course of Woodwork Exercise, by E. J. Andrews *Charles and Dille, 10, Paternoster Square, London.* 2s. net.

*In connection with the books recommended for the use of teachers in this Prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular School, dated the 31st July, 1916, and its supplements issued annually).

French

There will be two papers of three hours each. The first paper will consist of Selections from the prescribed Texts and Grammatical questions thereon. The second paper will consist of Unseen Translation and Composition.

Books prescribed—

Ed About —*Le Roi des Montagners,*

Macmillan's Edition (Stepmann's Series)

Du Camp —*La Dette de Jeu* (Cambridge University Press)

Perrault —*Contes de Fées* [Edited by Fasnacht • (Macmillan)] *Grammar recommended—*

French Grammar (Sonnenschein's Parallel Grammar Series).

NOTE —Viva Voce Examination has been dropped for the present

VIII—DOMESTIC SCIENCE

The examination will consist of two papers. The first paper will contain questions on Physiology Hygiene, Household Management Home-Nursing. The second will consist of the practical examination in Sewing to be held at the same time as the examination in written work. There will also be an oral test in First Aid and Home Nursing.

SYLLABUS

As a basis for the teaching of Hygiene and Home-Nursing there should be a preliminary simple treatment of the following topics of elementary Physiology —

The human skeleton, the organs of digestion the circulation of the blood the nervous system, respiration

1.—*Hygiene*

NOTE.—Great importance should be attached to practical work wherever the subject admits of this.

Air.—Composition of air, ventilation, importance of pure air, impurities of air, diseases caused by impure air

Water.—Composition of water; quantity of water required; source of water-supply, springs, deep wells, surface wells, rivers, tanks, how water is polluted; how to prevent pollution of water; how to purify water; boiling and filtering.

Food.—Composition of food, composition of good diet and its importance, preservation of food, cooking of food; drinks and condiments.

Personal Hygiene.—Cleanliness of body (hair, nails, teeth, etc.), clothing; exercise; importance of temperance; the use of *pan*, opium, and other drugs, spitting.

Precautions against Diseases—Infectious diseases (small-pox, measles, and diphtheria, etc.); tuberculosis; enteric fever; dysentery and diarrhoea: cholera, itch,

External Remedies —Poultices, plaster, fomentations, ice, baths—hot and cold, temperature of baths

Food —Kind of food and preparation, way of giving

The Sick Room —Administration of medicine, pulse and temperature charts, bathing changing of garments and bedding

Infectious Illness —Precautions during illness disinfection of room clothing and bedding after illness use of disinfectants

Convalescence —Occupations visitors rest sleep and food

4 —Care and Training of Children

Food sleep exercise play, clothing cleanliness surroundings

NOTE —As an indication of the scope and standard of instruction in Hygiene and Home Nursing teachers are referred to sections II III and IV of Personal and Domestic Hygiene for the School and Home by Mrs Harold Hendley (Riz Sahib M Gulab Singh & Sons Calcutta) also to Indian Manual of First Aid and Indian Home Nursing published by the Indian Council of the St. John's Ambulance Association (Thacker Spink & Co Calcutta)

5 —Household Management

A —Choice of House Furniture and Decoration
Distribution of rooms Cleaning and care of house and furniture Disposal of refuse and sewage

B —Care of the kitchen

Preparation of simple food

Two of the following groups —

(i) preparation of *roti rice dal and tarkari*

(ii) preparation and care of milk

(iii) preparation and care of meat (One fish only required)

C —Duties of mistress of household

Proper distribution of daily activities Accounts and budgeting of expenditure

6 — *Sewing and Cutting-out.*

Sewing.—Each candidate should select three of the following groups. A good standard of skill will be required in the various stitches required in making up garments and in mending worn articles of clothing.—

- (a) To cut and make up coat (*achkan*) or *pyjama* or shirt (*kurta*) or waistcoat for a man.
- (b) To cut out and make up *kurti* or blouse or skirt or petticoat or *pyjama* for a woman.
- (c) To cut out and make up frock, or bonnet, or *pyjama* or *bandi* for child
- (d) Drawnthread or crewel work or English embroidery or *chikan* work or *sulme sitare*.
- (e) Knitting of stockings

INTERMEDIATE EXAMINATION OF 1926

* ENGLISH

There will be one paper on the prescribed Prose course and a second paper will be set on the Poetry course, and in each paper one question will be set on "Unseen" passages.

In place of the Unseen Prose passages candidates who offer English as their mother-tongue will be required to answer questions on supplementary prescribed texts.

A third paper will include (a) translation from a vernacular into English, and (b) a narrative or descriptive piece of composition in English. In the case of candidates who offer English as their mother-tongue, the third paper will consist of an Essay, together with questions on English composition and on the history of English literature from 1500, as in Hudson's outline *History of English Literature* (Bell & Co.)

NOTE.—1. In the case of books prescribed for detailed study, candidates will be expected to show a close familiarity with the text, including meaning of words, construction of sentences, historical and other allusions, as well as knowledge and understanding of the subject-matter. They should be able to indicate contexts, and to paraphrase and explain any difficult passages in simple and correct English.

2. In the case of books prescribed for general study, detailed knowledge of the text will not be required, but candidates will be expected to show that they have read the course with intelligence and with some appreciation. A specimen Question Paper on the books prescribed for general study is appended.

Books prescribed—

Prose—(a) For detailed study—

*Helps—*Essays written in the intervals of business

*Ruskin—*Sesame and Lilies, from which only the following lectures are prescribed—"King's Treasure" and "Queen's Gardens."

(b) For general study—

*Dickens—*Tale of Two Cities

*Tagore—*Hungry Stones and Other Stories

Poetry .—(a) For detailed study—

Browning—A Grammarian's Funeral.

Keats—Ode to a Nightingale.

Tennyson—Sir Galahad.

Coleridge—Ancient Mariner.

(b) For general study—

Shakespeare—Merchant of Venice.

Tennyson—The Lotus Eaters (the Choric Song excepted).

Crossing the Bar.

“Ring out Wild Bells.”

Keats—St. Agnes Eve.

Byron—‘The Defeat of Sennacherib.’

There may be none of
Beauty's Daughters.

Shelley—To Night.

Newman—Lead, Kindly Light.

Whittier—The Eternal Goodness, stanzas
10, 11, 16, 17, 18, 19, 20.

Tagore—Three poems from Gitanjali.
viz.,

35.—“Where the mind is without fear
and the head is held high.”

45.—“Have you not heard his silent
steps?”

49.—“You came down from your
throne and stood at my cottage
door.”

Supplementary prescribed texts for candidates whose mother-tongue is English:—

Prose and Poetry:—Charles Lamb, *Prose and Poetry*
(Clarendon Press, Oxford).

Dunn's *Selections from Tennyson*
(Oxford University Press).

NOTE.—(a) If the total of marks will be allotted to the portions for detailed study, 30 per cent. to the portions for general study, and 20 per cent. to Unseen passages and Grammar.

(d) Grammatical questions will be asked including Parsing Analysis, the Sequence of Tenses and Conversion of the Direct and Indirect forms of speech

(e) The attention of candidates is drawn to the fact that examiners have been instructed to deduct marks for inaccuracy in English

APPENDIX

SPECIMEN PAPER

ENGLISH TEXT

Portions for general study

A B — It is presumed that there will be at most three questions on this portion in the prose paper and three in the poetry paper. The following are intended only as specimens of the kind of questions which should be expected.

Examiners should give a wide choice of questions which should be of a general nature.

TYPES OF QUESTIONS.

I Poetry

A — Shakespeare — Merchant of Venice

1 — Estimate of a character

eg — Different views have been taken of the character of Bassanio. He has been called a downright fortune hunter.

If you agree with this description give your reasons, referring to incidents in the play in support of each point you mention. If you do not agree state with reasons your own view.

2 — Intelligent description of a scene or incident

eg — (a) Give a summary of the arguments used in the trial scene.

(b) What characters appear in the scene in which Bassanio makes his choice? How would you arrange the actors furniture etc. for this scene?

3 — Familiarity with the plot

eg — In what way are the casket story and the story of Shylock's bond brought into connection?

B — Other poems

1.—*Relation of the story of a narrative poem.*e.g.—*Either—*

(a) Relate in your own words the story of the destruction of Sennacherib,

or

(b) Bring out the meaning of Tagore's poem,

" You came down from your throne and stood at my cottage door."

2.—*Assignment of striking passages to the poems in which they occur.*

e.g.—To what poems do the following lines belong ?

By whom were they written ? :

(a) " Wrap thy form in a mantle grey.

Star-inwrought !

Blind with thine hair the eyes of Day.

Kiss her until she be wearied out,

• Then wander o'er city, and sea. and land.

Touching all with thine opiate wand.

Come, long-sought ! "

(b) " Oh ! why wilt thou affright a feeble soul ?

A poor, weak, palsy-stricken. churchyard thing.

Whose passing bell may ere the midnight toll.

Whose prayers for thee, each morn and evening,

Were never miss'd ? "

3.—*Appreciation of beauties in language and rhythm.*

e.g.—(a) Quote or refer to three passages from the poems for general study (excluding Shakespeare) to illustrate—

(a) Sound echoing sense.

(b) Colour in words.

(c) Musical language.

(b) Re-write the following passage in verse:—

They saw the gleaming river seaward flow from the inner land : far off, three mountain tops, three silent pinnacles of aged snow, stood sunset-flushed, and, dew'd

with silvery drops, up clomb the shadowy pine above the waven copse

4 — *Understanding of the broad differences of form which distinguish the various poems*

e.g. — From the poems you have read in your course can you mention any outstanding points of difference in subject or form between the poetry of Keats and that of Tagore?

5 — *Explanation of any allusions which may be of importance for the understanding of the whole poem*

e.g. — Who is the speaker in the first lines of the Lotos Eaters?

II — Prose

1 — *Estimate of a character*

e.g. — (a) Contrast the characters of Carton and Stryver

(b) State what you know from the reading of your course of any three of the following —

Cowley Moliere Claude Duval Sir William Petty
Halley Boyle Wren

(c) Upon what characters does the humour of the story in the Tale of Two Cities depend?

2 — *Subject matter*

e.g. — (a) What developments in Science took place after the Restoration?

(b) Compare social conditions in England as described by Macaulay and Dickens

(c) Compare the condition of women in England in 1685 with that of the women in India at the present time in respect of education

(d) What according to Dickens were the causes of the French Revolution? Illustrate your answer by reference to incidents in the Tale of Two Cities

1.—*Relation of the story of a narrative poem.*

e.g.—Either—

(a) Relate in your own words the story of the destruction of Sennacherib,

or

(b) Bring out the meaning of Tagore's poem,
 " You came down from your throne and stood at
 my cottage door."

2.—*Assignment of striking passages to the poems in which they occur.*

e.g.—To what poems do the following lines belong ?

By whom were they written ? :

(a) " Wrap thy form in a mantle grey.

Star-inwrought !

Blind with thine hair the eyes of Day.

Kiss her until she be wearied out,

• Then wander o'er city, and sea, and land.

Touching all with thine opiate wand.

Come, long-sought ! "

(b) " Oh ! why wilt thou affright a feeble soul ?

A poor, weak, palsy-stricken, churchyard thing.

Whose passing bell may ere the midnight toll.

Whose prayers for thee, each morn and evening,

Were never miss'd ? "

3.—*Appreciation of beauties in language and rhythm.*

e.g.—(a) Quote or refer to three passages from the poems for general study (excluding Shakespeare) to illustrate—

(a) Sound echoing sense.

(b) Colour in words.

(c) Musical language

(b) Re-write the following passage in verse:—

They saw the gleaming river seaward flow from the inner land : far off, three mountain tops, three silent pinnacles of aged snow, stood sunset-flushed, and, dew'd

with silvery drops, up-clomb the shadowy pine above the woven copse.

4 — *Understanding of the broad differences of form which distinguish the various poems*

e.g. — From the poems you have read in your course can you mention any outstanding points of difference in subject or form between the poetry of Keats and that of Tagore ?

5 — *Explanation of any allusions which may be of importance for the understanding of the whole poem*

e.g. — Who is the speaker in the first lines of the *Lotos Eaters* ?

II — *Prose*

1. — *Estimate of a character*

e.g. — (a) Contrast the characters of Carton and Stryver

(b) State what you know from the reading of your course of any three of the following —

Cowley, Moliere, Claude Duval, Sir William Petty, Halley, Boyle, Wren

(c) Upon what characters does the humour of the story in the *Tale of Two Cities* depend ?

2 — *Subject matter*

e.g. — (a) What developments in Science took place after the Restoration ?

(b) Compare social conditions in England as described by Macaulay and Dickens

(c) Compare the condition of women in England in 1685 with that of the women in India at the present time in respect of education

(d) What, according to Dickens were the causes of the French Revolution ? Illustrate your answer by reference to incidents in the *Tale of Two Cities*

سلامت به کنارست to از نیتنه این زمانه (2)

دشمنی را یک نون بسیار to چنانچه وکیل دریا (3)

and (4) دمند گفت مرا مثل ازین مقصود to

Ain-i-Akbari, vol. III, pages 291—
298, from

ما نیز چاره نسگالیم to دلویز گفتار شاهی

excludng'from (1) بدیبا از شیطان دانستن to یا دارد نه پذیرد

برخی سانه لوحان to هنگامه آراستن (2)

شگفت زار نیفتاده to دورین ستم (3) and

Tuzuk Jahangri—from

بصفا مبدل گردید to از عنایات بیغایات الهی

(as is in Matriculation course, 1912-13). Safarnamah,

Shah Iran—from تصیده to ز دوشنبه دوم ذیقعدة

(as in the Intermediate course, 1913-14.)

Poetry—Diwan Hafiz, (1) to (47) Intermediate course,
1912.

Salman Saoji Qasidas beginning with—

(۱) ای سران ملک را شمشیر تو مالک وقاب

(۲) یان سحر گهی بهوای تو جان دهد

(۳) بدل رسیده سحرگاه در مقام حضور

(۴) مرغ امروز و بگذر شب عجب ان به سر

(۵) حور اگر ندیده به این روضه کند روزه باز

Zahir Faryabi, Qasidas beginning with—

(۱) شرح غم تو لذت شادی بجان دهد

(۲) سپیده دم چو زند ام خیمه در گلزار

(omit the couplet زخار)

(۳) سپیده دم چو شدم محرم سزای سرور

(۴) چون به فلک طلعه شب گشت آشکار

(ii) Grammar—مخزن الفرائد by M. H. Nasiri, chapters
I—VII (Mission Press, Allahabad).

Rapid Reading—Sear-ul Mutaakhhirin from—

روز گنده جهانگیر از دریاں رفت to ذکر سلطنت طہمیرالدین محمد بابر
حصہ بسط خواہد to موتمن الدلاء ذکر احوال excluding from بادشاہ

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text books and in the books recommended for rapid reading in Persian

NOTE—Persian words must be written in the Persian character

III—LATIN GREEK AND HEBREW

There shall be three papers in each of these languages as follows—

Paper 1—*Prepared Books*

Paper 2—*Unseen Passages*

Paper 3—*Grammar and Composition*

Paper 1 shall include passages from the prescribed books for translation into English together with questions relating to subject-matter and language. *Paper 3* shall include (a) questions on Grammar (b) sentences for translation into the classical language and (c) a continuous passage or passages for translation into the classical language

The papers will be as follows—

Latin

Paper 1—CICERO In Catilinam I—IV

LIVY Book xxii, Chapters 1—21

VIRGIL Georgics Books I and IV.

Paper 2—*Unseen Passages*

Paper 3—*Grammar and Composition*

Greek

Paper 1—PLATO Apology and Crito

SOFOCLES Antigone

Paper 2—*Unseen passages*

Paper 3—*Grammar and Composition*

Hebrew.

Paper 1.—SAMUEL, Book I.

PSALMS, I—LX.

Paper 2.—Unseen Passages. Genesis is recommended for rapid reading in connection with this paper.

Paper 3.—Grammar and Composition. Duff's Hebrew Grammar is recommended.

HISTORY.

There will be two papers in each group. A student may take either A group or B group or both.

A.—Modern History and Allied Geography.

I.—Indian History from 1000 A. D.

Books recommended :—

LANE-POOLE, S. : Medieval India (Story of Nations Series). T. Fisher Unwin, Ltd. SMITH, V. A. : Oxford History of India, Oxford University Press.

ROBERTS, P. E. : A Historical Geography of the British dependencies—Vol. VII, India, Part I—History to the end of the East Indian Company (Oxford, Clarendon Press).

II.—*Either* (a) Outlines of Modern European History from 1500 A.D.

Books recommended :—

GRANT : History of Europe : Longmans, Green & Co.

THATCHER and SCHWILL : History of Europe, John Murray, London

ROBINSON : History of Western Europe, Ginn & Co., New York

Or (b) Modern English History from 1485, with special reference to the growth of the Empire.

Books recommended :—

WARNER and MARTEN : Groundwork of British History, sections II and III, Blackie & Son, Ltd.

KERR and RUSHBROOK WILLIAMS : Growth of the British Empire, Longmans, Green & Co., London,

B — Ancient History and Allied Geography**I — History of Greece***Books prescribed —*

EDMONDS C D Greek History for Schools Cambridge University Press

ABBOT Pericles, G Putnam and Sons

II — History of Rome.*Books prescribed —*

BRYANT, E E. A Short History of Rome, Cambridge University Press

SHUCKBURGH Augustus

GEOGRAPHY

There will be two papers. The first paper will contain questions on part I of the syllabus and the second paper on parts II and III of the syllabus.

Syllabus

I — World Geography with intensive study of the regional geography of Eurasia and North America compared or of the three southern continents compared.

NOTE—Teachers will be expected throughout to develop the human side of Geography including the relations of Geography and History.

II — Study of the survey map with special reference to 1:1,000,000 Survey of India and Adjacent Countries Series sheet No 43 (Srinagar) or No 52 (Leh) or No 53 (Delhi and Simla) also 1 inch Survey of India map No 63 K/8. Study of the principles of map projections. Study of the weather maps published by the Meteorological Offices Simla, and of other distribution maps.

III Economic Geography with special reference to India. The world position of India its natural resources its economic development. Man's influence over natural conditions land and water communications internal and external, irrigation. This connotes a thorough study of the distribution maps of India.

The world distribution of the following vegetable products:—

Wheat, rice, tea, coffee, wine, cotton, jute, sugar, rubber, tobacco conditions of their growth.

Books recommended:—

- I.—Russell.*—North America. Oxford. 7s. 6d.
Dawson.—North America. Vol. I. Stanford. 15s.
Gannett.—North America. Vol. II. Stanford. 15s.
Keane.—Asia. Vols. I and II. Stanford. 15s. each.
Chisholm.—Europe. Vols. I and II. Stanford. 15s. each.
Keane.—Central and South America. Vols. I and II. Stanford. 15s. each.
Keane.—Africa. Vols. I and II. Stanford. 15s. each.
Mackinder.—Britain and the British Seas. Oxford. 7s. 6d.
Hogarth.—The Nearer East. Oxford. 7s. 6d.
Little.—The Far East. Oxford. 10s. 6d.
McMunn and Coster.—A Regional Geography of Europe. Oxford. 4s.
Unstead and Taylor.—Regional and General Geography for Students (Philip). } May be used as text books by the students.
Herbertson.—Senior Geography, Oxford. 3s. 6d. }
Mill.—International Geography. Macmillan. 12s.
Reynolds.—The Americas. Africa and Australasia. Black. 2s. each.
Thomas.—Africa and Australasia. Bell.
Bruce.—The Americas. Bell. 2s.
Wallis.—Junior Geography of the World. Macmillan. 4s.
George.—Relations of History and Geography. Oxford. 4s. 6d.
Herbertson.—(F. D.)—Clarendon Geographies. Vols. I and II. 3s. each.

Brown and Johnson.—The Americas (Homo of Man Series) Maps—

Stanford's Maps with hand books (expensive but good)

Philips' sets of maps of the various continents and of India with explanatory hand books

Philips' sets of synthetic map (for students' use)

II — Kessen and Philip — Map-reading made easy Philip
Dickson — Maps how they are made, how to read them Bacon 6d

Young and Fairgrieve — A class-book of Practical Geography Philip

Simmons and Richardson — An Introduction to Practical Geography Macmillan 4s

Unstead — Practical Geography Oxford 2s. 6d

Mort — An Elementary Practical Geography Blackie 2s

III — Clislclm — A Smaller Commercial Geography. Longmans 3s 6d

Curr Commercial Geography Black 4s

Lyde — Mail and his Markets Macmillan. 2s

Hertletson — Man and his Work 1s 6d

Statesmans' Year Book Macmillan 18s

Whitakers' Almanac 4s

Indian Year Book Thacker

Imperial Gazetteer of India Vols III and IV, Oxford 1s each

Atlas of Commercial Geography Cambridge University Press 3s

A School Economic Atlas Oxford. 2s 6d.

Climatological Maps of India. Meteorological department

Additional Reference Books—

Lake — Physical Geography. Cambridge University Press

Salisbury.—Physiography for Schools. Shorter Course. Murray. 6s.

Davis.—Elementary Physical Geography. Ginn. 5s. 6d.

Tarr.—Elementary Physical Geography. Macmillan. 7s. 6d.

Mill.—The Realm of Nature. Murray. 5s.

LOGIC.

There shall be two papers of three hours each: the first on Deductive Logic and the second on Inductive Logic.

Deductive Logic.

The following syllabus is prescribed:—

Definition, scopes and value of Logic. Nature of thinking. The laws of thought. The relation of thought and language. Terms and their classification. Denotation and Connotation of terms. The predicables. Formal division and definition. Propositions, their import. Reduction of statements to logical form. Distribution of terms. Nature and forms of inference. The opposition of propositions and various forms of education. The syllogism, its figures and moods. Reduction, direct and indirect. Hypothetical, disjunctive and mixed syllogisms. The Dilemma, Enthymeme, Sorites and Epicheirema. Function and value of syllogism. Analysis of deductive arguments. Fallacies.

Inductive Logic

The following syllabus is prescribed:—

The nature and presuppositions of inductive inference. Causation, its significance and importance in induction. Observation and experiment. Classification and nomenclature. Hypothesis. Imperfect induction—simple enumeration and analogy. Methods of scientific induction. Analysis inductive arguments and application of inductive methods. Explanation and establishment of laws. The relation of induction to deduction. Fallacies.

Books recommended (not prescribed) to indicate the standard of treatment of the topics prescribed —

Introductory Text book of Logic S H Mellone,
Blackwood and Son Edinburgh

Intermediate Logic Welton and Monahan, University
Tutorial Press, London

Groundwork of Logic Welton Macmillan and Co

ELEMENTARY ECONOMICS

Introductory.

Subject matter. Relation to other sciences The development of Economic life

Production

Relation between wants and production The factors of production

Land — Natural resources of India Soil and Climate
Sources of Power Raw materials

Labour Density and distribution of population in India Health and vital statistics Occupations

Capital — Buildings and machinery Means of communication and transportation in India Irrigation

Organization — Combination of the factors of production in village industries and in factories Efficiency of the factors of production Different uses and how efficiency increases Efficiency of labour increased by education Division of labour and specialization of machinery Large scale production and its limitations Diminishing and increasing returns Development of industrial organization Its relation to means of transportation Accompanying changes in rural industries and in agriculture

Exchange

Utility — Marginal and total utility Law of diminishing utility Law of demand

Barter — Conditions of barter How both parties gain in utility by exchange

Exchange by sale and purchase. Demand and supply schedules and curves. Balancing of demand and supply in a local market. Relation of price to expenses of production. Changes in the expense of production. The development of markets. Causes of the extension of markets. India's imports and exports.

The machinery of exchange. Money and banking. The Indian currency system and the organization of credit in India (both to be treated in an elementary way).

Distribution.

The problem of distribution.

Rent.—The law of rent as applied to India. Land tenure in the United Provinces.

Salaries and wages.—Real and money wages. The standard of living. Mobility of labour in India. Influence of social customs.

Interest.—Net and gross interest. Mobility of capital in India. Principles of co operative credit and its advantages for India.

Profits.—As the reward of enterprise. Business opportunities in India.

Consumption.

Satisfaction is the end of all economic activity. Wants and their classification. Division of income among different items of expenditure. Family budgets. Relations of saving to spending. The social side of spending.

Taxation.

Classification of revenues: the tax system and its incidence in India.

The following books should be consulted:—

Pinson.—Economics of Everyday Life; Parts 1 and 2.

Moreland.—Introduction to Economics for Indian Students.

Banerji.—A study of Indian Economics.

Teachers should also consult —

H. G. Hale — Indian Economics

Marshall — Economics of Industry

Chapman — Elementary Economics

Jack — Economic Life of a Bengal district

Mann — Life and labour in a Deccan village

Practical work.

In view of the fact that many students will leave college to earn their living after the Intermediate Examination and that many government positions are now being opened to men who have passed this examination the course should be taught in such a way as to make it of real practical use to students in after life. Teachers must be given facilities for taking students out to study small industries markets and conditions of living in both city and country. The principles should be illustrated from these studies. The examiners are to inspect and mark the practical work of each student as follows —

Two family budgets one of an artisan one of a cultivator with the student's own deductions.

Two balance sheets for one month or more of small scale industries with suggestions for improvements in the industry. (For example, farming weaving pottery carpentry shoe making tailoring basket making the gwalla the mithai wala etc.)

Diagrams representing the above budgets and costs of production in the industries as percentages of the total.

Written work

Teachers should insist on as much written work as possible. The following are what are suggested —

NOTE — Teachers should not usually dictate notes but should require students to write out their own notes after each lecture from rough notes taken in class and from memory. These notes should be inspected and marked by the teacher.

Poetry —(1) *Ramayana Ajodhya Kanda* by Krittibas,
edited by Ramanand Chatterjee

(2) *Chaturdashapadi Kabitawali* by M. Madhusudan Datt edited by Dinanath Sanyal

(3) *Gitanjali* by Rabindra Nath Tagore

Composition —*Rachana Paddhati* by Nrisinha Chandra Mukerji.

Urdu.

Charupath Part III, translated by Bichhandi Patnaik.

Ramshankar Ray . . Bibasini

Sasibhushan Ray ... Dakshinatya Bhraman.

Marathi.

Nagesh Vasudev Gunaji Atmoddhar

Ramabai Ranade *Amchaya Ayushyati Atha vani*

Hari Narayan Apte ... Gad Ala Pan Sinha Gela

Gujrati.

Gujratno Nath Ghanashyam (K M. Munshi)

Charitra Manilal N Divedi

Gujarat Sarva }
Sangaraha } Narmadasankar

Tamil

Periyapurana Vachanam (Life Arunugha Navalar,
edition of Appar, Sundar Sambantta Murthi)

Thirukkural 1 to 10 Chapters (Ripon Press).

Kamraki by J. Chelvakesava Raya Mudaliar

Telugu.

Uttaragrahanam Tikkava

Pandugakatham Bhogarazu Narayana-
murthy.

The influence of environment K. Srenivasrao
on body and mind.

(4) *Geometry of Solids*—Elementary properties of lines and planes, surfaces and volumes of parallelepipeds and right prisms pyramids, circular cylinders and cones, spheres, and spherical segments, frusta of pyramids cones, and spheres, with numerical applications

The use of Trigonometry and Logarithms shall be permitted in solving numerical examples

(5) *Co-ordinate Geometry*.—The properties of straight lines and circles treated by rectangular and polar co-ordinates

(6) *Dynamics and Statics*—Velocity, composition of velocities, relative velocity, acceleration, rectilinear motion under uniform acceleration, composition of accelerations, Newton's law of Motion, rectilinear motion under gravity in a vertical and down an inclined plane, motion of two masses connected by a string passing over a pulley, projectiles, direct impact of smooth bodies, definition and calculation of kinetic energy, coplanar forces, parallel and non-parallel and their composition, equilibrium of a body under three forces, moments, conditions of equilibrium of a body under a system of coplanar forces and simple examples, centres of gravity, friction, work and power, simple machines (lever, balance, system of pulleys wheel and axle, differential wheel and axle)

The following books are suggested in addition to more elementary text-books, School Algebra, H S Hall, Parts I—III.

School Algebra Part II by Paterson (Clarendon Press)

Elementary Algebra, Part II, by P Ross (Longmans)

Hall and Stevens' School Geometry, Parts V—VI.

Co-ordinate Geometry, Smith or Loney (Macmillans).

Elements of Statics and Dynamics by Loney (Cambridge University Press)

PHYSICS.

[N.B.—Candidates will be required to pass in the theoretical part of each Science subject.]

There will be two papers as follows:—

1st Paper—Heat and Light.

2nd Paper—Sound, Electricity and Magnetism.

The following syllabus is recommended:—

General properties of Matter—Fundamental units and their measurement, Principle of Balance, Verniers, Calipers. Screw-gauge, Spherometer. Volume, Density, Specific gravity, Fluid pressure, Principle of Archimedes, Nicholson's hydrometer. Barometer, Boyle's law, Pumps, Siphon, Elementary notions of volume elasticity, rigidity, and Young's modulus in the case of solids. Isothermal and adiabatic elasticities of gases. Gravitation, simple harmonic motion. Pendulum. Value of "*g*."

Heat.—Temperature. Thermometer. Calorimetry. Specific heat. Latent heat. Expansion of solids, liquids and gases. Vapour pressure. Hygrometry. Change of state. Laws of unsaturated and saturated vapours. Conduction. Convection. Radiation. Reflection and absorption of heat. Isothermal and adiabatic changes. Specific heat at constant volume and constant pressure. Relation of heat to work. Determination of *J*.

Light.—Laws of propagation. Reflection and refraction from plane and spherical surfaces. Dispersion. Spectra. Fraunhofer's lines, Telescope. Microscope. Spectrometer. Photometry. Phosphorescence. Fluorescence. Velocity of light.

Sound.—Lissajon's figures. Transverse and longitudinal waves. Nature of sound waves. Intensity. Pitch. Quality. Mode of propagation. Reflection. Refraction. Stationary waves. Beats. Resonance. Vibrations of strings and air columns. Monochord and organ pipes. Determination of velocity in solids, liquids and gases. Musical scale.

Electricity and Magnetism.—Magnetisation. Permanent magnets. Magnetic induction. Unit of magnetism.

Magnetic field Lines of force and lines of induction
Tangent A and B poles of Gauss Deflection and
vibration Magnetometers Magnetic moments Earth as a
Magnet. Magnetic elements. II Declination and Dip and
their determinations Electrostatic unit of quantity
Coulomb's law of force Electric field Gold leaf electroscope
Surface density Potential Capacity Leyden jar
Capacity of a parallel plate condenser Electrophorus
Wimshurst's machines

Voltaic cell Electric current and its magnetic effects
E M unit of current Galvanometers Ammeters Volt-
meters Ohm's law and its verification Unit of resistance
and P D Specific resistance Practical and absolute units
Determination of resistance Wheatstone's bridge P O
Box Heating effect of current Joule's law Determina-
tion of J Electric glow lamp Electric arcs Chemical
Effect of current Faraday's law of Electrolysis Electro-
chemical equivalent Voltameters Electro-magnetic rela-
tions Electro magnet induction Induction coil Simple
dynamo Motor Electric Telegraph Telephone Micro-
phone Thermopile

The scope of course is approximately indicated by R S
Willows A Text-book of Physics (published by Messrs
Arnold and Co) and this book is strongly recommended

There will also be an examination in practical work

The laboratory course is indicated by the subjoined list
of experiments An account of each experiment must be
written by the student in a special note book which will
be examined The account of each experiment should be
signed by the Demonstrator and the books should be kept
in his charge

LIST OF EXPERIMENTS

Mechanics—

Applications of the Triangle of Forces
Equilibrium of Parallel Forces
Principle of Moments

Determination of co-efficient of Friction.

Determination of " g " by the pendulum.

General properties of Matter—

Measurements of mass by the balance.

Use of the Spherometer.

„ Screw Gauge.

„ Callipers.

Reading the Barometer.

Heat—

Testing fixed points of Thermometers.

Determination of Specific Heats.

„ Latent Heats.

Construction of a graph illustrating the rate of cooling of a liquid.

Verification of Boyle's law.

Determination of the co-efficient of linear expansion.

Light—

Reflection and refraction of light at plane and spherical surfaces.

Determination of refractive indices.

Local lengths of mirrors and lenses.

Sound—

Determination of velocity of sound by resonance.

„ the frequency of a fork by sonometer.

Magnetism—

Mapping out lines of force by a small magnet.

Determination of neutral points in a magnetic field.

Comparison of magnetic moments by the magnetometer.

Electricity—

Variation of magnetic force at centre of a coil with radius, number of turns and strength of current

Determination of resistance by the use of Wheatstone's wire bridge.

Determination of resistance by the use of Ammeter and Voltameter.

Combination of cells in series and parallel

Detailed accounts of the method of performing the above experiments will be found in either Willows' Text book of Physics or in any Intermediate course of practical physics such as Schuster and Lees

CHEMISTRY

[N. B.—Candidates will be required to pass in the theoretical part of each Science subject]

There will be two papers and a practical examination

The following syllabus is prescribed —

The course for the High School Examination with the following addition — Elementary and compound substances mixtures solution chemical action the laws of definite and multiple proportions simple methods of the determination of equivalent weights atoms, molecules atomic and molecular weights vapour density the atomic theory and Avogadro's hypothesis combination of gases by volume

Valency relation between equivalent and atomic weights, simple methods of determination of atomic weight Dulong and Petit's law Boyle's law Charles' laws vapour pressure, diffusion

Chemical symbols formulae and equations calculations of an easy nature

Oxidation and reduction

Elementary ideas as to the nature of dissociation in gases and electrolytic dissociation theory

The outlines of the Periodic law studied from elements prescribed in the course

Preparation and important properties of the following elements and compounds and proofs of the composition of the compounds marked* —

Hydrogen oxygen *water ozone hydrogen dioxide nitrogen *the atmosphere the effects of animal and vegetable life upon its composition *ammonia nitric acid and nitrates nitrous acid and nitrites *nitrous and *nitric

oxides, carbon, *carbon dioxide, *carbon monoxide, elementary ideas about combustion and structure of flame, coal gas, chlorine, *hydrochloric acid, the chlorides, chloric acid and chlorates, bromine, iodine, their hydracids and salts.

Sulphur, *hydrogen sulphide, sulphur *dioxide and trioxide, sulphuric acid and the sulphates, sulphurous acid and sulphites

Phosphorous, hydrogen phosphide, phosphorous trioxide and pentaoxide, orthophosphoric acid.

Silica, silicates of Na, K. and Ca. glass.

Sodium, potassium, their hydroxides, chlorides, nitrates, carbonates, sulphates.

Calcium, strontium, barium and their oxides, carbonates, sulphates, chlorides, nitrates.

Magnesium, its oxide, chloride, sulphate, carbonate and nitrate. Zinc, its oxide, chloride, sulphate and carbonate.

Lead, its chloride, sulphate and nitrate.

Copper, the outlines of its metallurgy, its oxides, chlorides, sulphate and nitrate

Iron, the outlines of its metallurgy, its oxides FeO , Fe_2O_3 , Fe_3O_4 , chlorides and sulphates.

Organic :—

A.—The preparation, typical properties and structural relationship of the following compounds :—

Methane, ethane, ethylene chloroform, iodoform.

Methyl alcohol and ethyl alcohol.

Formaldehyde and acetaldehyde.

Formic acid and acetic acid.

Ethyl acetate and methyl acetate.

Acetamide, acetyl chloride, acetic anhydride.

Methylamine

B —The descriptive properties of the following :—

Acetylene, glycerol, acetone, ether, oxalic acid, tartaric acid, fats, soaps (and saponification), starch, cane sugar, grape sugar (and fermentation), urea, benzene, phenol, aniline, benzoic acid.

PRACTICAL WORK

Students will be examined in Practical Chemistry

Students are expected to perform the following experiments in the laboratory. An account of each experiment must be written by the student in a special note book which will be liable to examination by the examiners. His note book should be kept in the charge of the laboratory instructor and each account of an experiment should be signed by him. The Principal of a College will be responsible for the production of this note book when demanded by the proper authorities.

The practical course is as follows —

1 Such practical work as is required for the High School Examination

2 Qualitative analysis of simple salts

3 Preparation and purification of simple salts involving no special difficulty

4 Simple gravimetric and volumetric estimations such as estimation of alkali acids and alkaline carbonates by titration gravimetric estimation of iron and simple gravimetric experiments such as change in mass on oxidation of magnesium etc

5 Determination of melting and boiling points fractional distillation

6 Qualitative detection of hydrogen nitrogen sulphur and halogens in organic compounds.

Books suggested —

SHEPSTONE Inorganic Chemistry (Arnold)

ROSCOE and LUXT Elementary Inorganic Chemistry

ROSCOE and HARDEN Inorganic Chemistry for Advanced Students

A Class book of Organic Chemistry, by I. B. Cohen

Organic Chemistry Part I by Perkin and Kipping

Donington's Class book of Chemistry Parts 1—4

BIOLOGY.

I — Zoology.

[N.B.—Candidates will be required to pass in the theoretical part of each Science subject.]

A.—Living and non-living matter. The distinctive properties of living matter or protoplasm and its chemical composition. The structure and life-history of Amoeba and malaria parasite as examples of the Protozoa. A general conception of the structure and phenomena of the animal cell; direct and indirect cell division. The union of cells to form tissues and the combination of tissues to form organs.

B.—The structure of Hydra as an example of the Metazoa. The principle of the physiological division of labour and the correlated differentiation of structure.

C.—The structure and bionomics of an Indian earth-worm as an example of a segmented animal.

D.—The structure of the cockroach as a type of Arthropoda. Metamorphosis among insects as illustrated by the life-history of the common mosquito.

E.—The general characters of the Chordata.

F.—The general anatomy, histology and physiology of the various systems or organs in the frog.

G.—An elementary knowledge of the anatomy and osteology of the rabbit or other common mammal. The brain and eye of the sheep, and the skull of the dog may be substituted for those of the rabbit.

H.—A general classification of the animal kingdom with the characteristics of the principal phyla.

J.—Reproduction, sexual and asexual; ova and spermatogenesis. The elementary and segmentation of the ovum, the and larval history of the frog, and the organs derived from

II — Botany

[N B — Candidates will be required to pass in the theoretical part of each Science subject.]

A —The structure and germination of seeds; the morphology of the root stem and leaf. The chief types of floral structures. The chief types of inflorescence and the common types of fruits.

B —The parts of a typical vegetable cell; the cell contents and their microchemical reactions; the division of a cell; the chief types of plant tissues. A comparative study of the internal structure of the root stem and leaf of the Angiosperms. The structure of the reproductive organs of the Angiosperms.

C —The structure of *Bacillus subtilis* and the modes of nutrition among the Bacteria.

D —The structure, physiology and life histories of *Ulothrix*, *Spirogyra*, *Mucor* and yeast.

E —The structure and life histories of a moss and a fern and the phenomenon of alternation of generations.

F —The life history of Angiosperms.

G —An outline of the classification of the vegetable kingdom to illustrate grades of structure and method of reproduction.

H —Elementary plant physiology; stability of the plant body; the usual constituents of plant food; assimilation; transpiration; respiration; the main facts about growth; the chief types of movements.

PRACTICAL WORK

Students are expected to keep a record of all practical work in a special laboratory sketch book which will be liable to examination by the examiners. The laboratory instructors should sign the result of each day's practical work.

A —The microscopical study of *Amoeba* and *Hydra*; the study of *Hydra* by means of transverse and longitudinal sections.

The general dissection of the earthworm, cockroach, and frog; life-history of mosquito; a microscopical study of the chief animal tissues from fresh or prepared preparations of muscle, nerve, cartilage, bone, blood, and connective tissue; the microscopical study of the earthworm by means of fresh preparations and transverse sections; a microscopical examination of the kidney, liver, spinal cord, stomach, ovary, and testis of the frog. The skeleton of the frog.

The osteology of the rabbit, substituting the skull of the dog for that of the rabbit, and the dissection of the alimentary, vascular, and reproductive systems of that animal.

B.—The dissection of plants and parts of plants; the preparation, simple staining, and study of microscopical sections of plants. A practical study by microscopical examination and otherwise of bacteria, yeast, *Spirogyra*, *Ulothrix*, *Mucor*, a moss, a fern, and the vegetative and reproductive organs of Angiosperms treated in an elementary manner.

The description of a flowering plant and its parts in semi-technical language.

(Where fresh material cannot be obtained, recourse should be had to prepared specimens.)

Text-books suggested:—

PARKER and BHATTIA: Elementary Course of Practical Zoology (Macmillan).

HOLMES: Biology of the Frog.

MARSHALL and HURST: Practical Zoology. (Murray.)

RANGACHARI: Botany for Indian Schools, 2nd Edition. (Government Press, Madras.)

GAGE: Fundamentals of Botany. (Blakiston.)

COMMERCIAL DIPLOMA EXAMINATION OF 1926

The following are the subjects of examination —

Compulsory subjects—

- 1 English, including correspondence
- 2 Book keeping and Accountancy
- 3 Business Methods and Elementary Economics

Optional subjects—

One of the following —

- 1 Commercial Geography—
 - (a) General
 - (b) India

Or

- 2 Typewriting

Or

- 3 Shorthand

The following papers will be set —

1 *English including correspondence* — Two papers of three hours each

2 *Book keeping and Accountancy* — Two papers of three hours each

3 *Business Methods and Elementary Economics* — Two papers of three hours each one paper on business methods and one paper on Elementary Economics

4 *Commercial Geography* — One general paper of three hours One paper on the Commercial Geography of India of three hours

5. *Typewriting* — One paper of three hours

6 *Shorthand* — One paper of three hours

The syllabus in each subject is as follows —

English including correspondence — 1 Drafting of commercial and official correspondence with special attention to grammar, syntax, punctuation and use of commercial terms and vocabulary

2 Essay writing and composition, with practice in expansion of summarized ideas into full statements and vice versa

3. Reading daily newspapers with practice in editorial writing and newspaper articles especially on commercial topics. Ability to understand the financial and business section of the newspapers.

4. *Precis writing.*

NOTE.—It is suggested that papers in this subject may follow the lines given below.

First Paper—*Commercial English*—

This will consist of—

- (a) Draft of commercial and official correspondence.
- (b) The writing of a short article to indicate an intelligent knowledge of commercial terms.
- (c) *Précis*-writing

Second Paper—*General English*—

This will consist of—

- (a) Translation from indirect to direct speech and vice versa.
- (b) Re-writing of incorrect or badly constructed sentences.
- (c) Synthesis of simple sentences and the resolution of complex sentences.
- (d) An essay on a subject of general interest.

Book-keeping and Accountancy.—The principles of Double Entry. Book-keeping and their application. Books of original entry, including Tabular Forms. The Ledger. Trial Balance. Trading, Manufacturing and Profit and Loss Accounts, with apportionments and adjustments, Balance-sheets. Loose Leaf and Card Index system of Book-keeping. Self-Balancing Ledgers. Single Entry Book-keeping.

In the treatment of the above the following matters will be included:—Cheques, Bills of Exchange and Promissory Notes; Good will; Classification of Assets; Bad debts; Depreciation, Reserves and Sinking Funds; Consignment, Joint Venture and Contract Accounts; Partnership and Company Accounts (including the Double Account system); Capital and Revenue: Investments; Accounts Current and Average Due

Business methods—1. The general routine of a Business House:—Inward and Outward correspondence (excluding drafting), Methods of rapid communications, Duplicating processes

2. The significance of Trade Commerce and Industry Manufacturing and Distribution House The buying and selling of goods Mercantile Enquiry Agencies, Importation and Exportation of goods Documentary Bills Elementary Fire and Marine Insurance as applicable to this section Use of Card Indexes

3 The meaning of the principal commercial terms occurring in connection with the above and the preparation of the chief documents involved including arithmetical calculations

4 An elementary knowledge of the Indian Law of Contracts Indian Negotiable Instruments Act and the Indian Registration Act

Elementary Economics—(The treatment of the subject should be very elementary and as far as possible it should be illustrated by reference to Indian conditions)

The subject matter and scope of economics fundamental notions and simple definitions Relation between wants efforts and satisfaction

Production—Factors of production Land Labour, Capital and Organization

Nature and Limitations of land Division of labour and other factors of efficiency of labour, Organization of capital

Laws of increasing diminishing and constant returns
Wants—Diminishing utility Value—its determination Balancing of supply and demand

Machinery of Exchange—Money and its functions Qualities most desirable in currency—legal tender—token money—Gresham's Law—Paper Currency—Convertible and Inconvertible credit—Credit instruments—Bills of Exchange—Cheques

Indian Currency —The Gold Exchange Standard—The Gold Standard Reserve, Council Bills—Reverse councils — Indian Currency during and since the war—Indian Banks and the chief functions performed by them—the Imperial Bank, the Exchange Banks and Indian Joint Stock Banks.

Distribution — Rent—interest—wages—profits (with particular reference to Indian conditions).

Books recommended:—

PENSON: Economics of Every Day Life, Part I.

MORELAND: Introduction to Economics.

JEVONS: Money and Banking in India.

Commercial Geography.—*A. General.*—I. (a) Physiographic Control of Commerce, Climate. Effect of climate on vegetation. Vegetation regions. Distribution of important commodities as wheat, rice, cotton, barley, flax, jute, etc., and conditions under which they are severally produced.

(b) Vegetation, its relation to industries.

(c) Trade routes connecting the most important regions producing the different commodities as studied above and the important markets for them Ports. Localisation of Industries.

II. A study of the various types of geographical regions from the standpoint of commerce, particularly of the West marginal type in Europe, the East marginal type in Monsoonal Asia, and of continental types in N. America.

(This would imply an intelligent study of the physical features of the different regions, more particularly in relation to their effects on climate, agricultural production, and the easiest lines of inland communication, whether by water, road or rail. Special attention should be paid to the geographical distribution of industries).

B India—A study of the Commercial Geography of India on the regional basis involving the study of —

- (a) Surface features and physical structure
- (b) Climate
- (c) Agricultural products
- (d) Irrigation
- (e) Distribution of minerals
- (f) Industries
- (g) Communications

NOTE In the study of regional types special attention may be devoted to the parts of the British Empire occurring in the type.

TYPE WRITING

This will be the same as for the High School Examination but of a more advanced character—the speed to be 30 words per minute

SHORTHAND

1 Writing in shorthand from a passage dictated at the rate of 80 words a minute for a period of ten minutes

2 Writing in shorthand from a business letter of general commercial phraseology dictated at the rate of 80 words a minute for a period of 5 minutes

3 Transcription of both the above

LIST OF INSTITUTIONS IN THE UNITED PROVINCES RECOGNIZED FOR THE EXAMINATIONS CONDUCTED BY THE BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION FOR 1925.

List of Intermediate Colleges (not maintained by Government) in the United Provinces recognized for the Intermediate Examination of 1925.

Serial no.	Name of college.	Subjects in which recognition has been given.	Remarks.
		MEERUT DIVISION.	
1	Meerut College, Meerut ..	In all the subjects excepting Biology taught by the University, for the Intermediate Examination, and also in <u>Economics</u> .	Provisional recognition extended to 1925.
2	D A - V. College, Dehra Dun ..	English, Mathematics, Physics, Chemistry, History, Logic, Sanskrit and Persian.	Provisional recognition extended to 1925.
3	N. R. M. O. Intermediate College, Khurja.	English, Mathematics, Modern History, Logic, Sanskrit, Persian, Physics, Chemistry and <u>Economics</u> .	Provisional recognition extended to the Intermediate Examination of 1925.
		AGRA DIVISION.	
4	Aligarh Muslim University Intermediate College, Aligarh.	English, Mathematics, Biology, History, Persian, Logic, Physics, Chemistry, Arabic and Sanskrit.	
5	Agra College, Agra ..	In all the subjects for the Intermediate Examination taught by the University and Economics.	

6	St John's College, Agra	Ditto	Recognised provisionally for the Intermediate Examination of 1925
7	Radhawami Educational Institute, Agra	English Sanskrit, Persian, History, Logic Physics, Chemistry, Biology, Mathematics and Economics.	
8	Bareilly College Bareilly	ROHILKHAND DIVISION. In all the subjects for the Intermediate Examination (in Arts) taught by the University and <u>Economics</u>	
9	Shyam Sundar Memorial Intermediate College Chandanul.	English, Modern History Mathematics, Logic Physics, Chemistry, Sanskrit and Persian	Recognised provisionally for the Intermediate Examination of 1925
10	Christ Church Intermediate College Cawnpore	ALLAHABAD DIVISION In all the subjects for the Intermediate Examination (except Biology) taught by the University and <u>Economics</u> .	
11	D. A. V. College, Cawnpore	English, Mathematics, History Sanskrit, Persian Logic and Economics.	
12	Evangelical Christian College, Allahabad	In all the subjects for the Intermediate Examination taught by the University and Economics	Recognised provisionally for the Intermediate Examination of 1925
13	Mayasaba Allahabad College, Allahabad	In all the Arts, subjects of the Intermediate Examination and in the subjects of Chemistry Physics, Biology and Economics	
14	Udai Pratap College and Hewett Mahatraya School, Benares	BENARES DIVISION English Sanskrit, Persian Mathematics Physics, Chemistry History and Logic	

Serial no.	Name of college.	Subjects in which recognition has been given.	Remarks.
		GORAKHPUR DIVISION.	
15	St. Andrew's College, Gorakhpur ..	English, History, Sanskrit, Persian, Logic and Mathematics.	
		LUCKNOW DIVISION.	
16	Lucknow Christian College, Lucknow	English, History, Logic, Persian, Arabic, Sanskrit, Economics, Mathematics, Physics, Chemistry and Biology.	
17	Shri Intermediate College, Lucknow	English, Mathematics, History, Logic, Persian and Arabic.	Provisional recognition extended to 1927.
18	Kanya Kuber Intermediate College, Lucknow.	English, Logic, History, Mathematics, Sanskrit, Persian and Economics.	Provisional recognition extended to the Intermediate Examination of 1926.
		GIRLS' COLLEGES.	
19	Crosthwaite Girls' Intermediate College, Allahabad.	English, Sanskrit, Persian, Mathematics, History, Logic and Economics.	
20	Isabella Thoburn College, Lucknow	Affiliated in all the subjects for the Intermediate Examination taught by the University.	
21	Theosophical National Girls' School and Women's College, Banarus.	English, Modern History, Economics, Logic and Sanskrit.	Recognized for the Intermediate Examination of 1926.

List of Government Intermediate Colleges in the United Provinces recognized for the Intermediate Examination of 1925

ROHILKHAND DIVISION

English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics

ALLAHABAD DIVISION

English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry, Mathematics and Biology

English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics

JHANSI DIVISION

English, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics and Chemistry

BENARES DIVISION

English, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics and Chemistry

KUMAUN DIVISION

English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics

LUCKNOW DIVISION

English, Sanskrit, Arabic, Persian, History, Logic, Physics, Chemistry and Mathematics

22 Government Intermediate College
Moradabad

23 Government Intermediate College
Allahabad

24 Government Intermediate College
Jhansi

25 Government Intermediate College,
Jhansi

26 Queen's Intermediate College, Benares

27 Government Intermediate College,
Almora

28 Jubilee Intermediate College, Lucknow

Serial no.	Name of college	Subject in which recognition has been given.	Remarks.
		FYZABAD DIVISION	
29	Government Intermediate College, Fyzabad.	English, Smarrit, Arabic, Persian, History, Logic, Mathematics, Physics, Chemistry and Biology	
		COLLEGES FOR EUROPEANS.	
30	Sr. George's Intermediate College, Munseerha.	English, Mathematics, Latin and Modern History	
31	St. Joseph's College, Nami Tal	English, Mathematics, Physics, Chemistry, Modern History, Ancient History and Latin.	Recognized provisionally for the Intermediate Examinations of 1924 and 1925.
32	L. A. Mathindoo College, Lucknow	English, Latin, Mathematics, Ancient History, Modern History, Physics and Chemistry.	Recognized in Physics and Chemistry for the Intermediate Examinations of 1924 and 1925.

List of Institutions in the United Provinces recognized for the High School Examination of 1925

Serial no	School	Optional subject or subjects in which recognition has been granted	Vernaculars in which recognition has been granted	Remarks
MEERUT DIVISION				
1	Dayanand Anglo Vedic Intermediate College Dehra Dun	Sanskrit Persian Drawing and Science	Hindi, and Urdu	
2	A. P. Mission High School Dehra Dun	Sanskrit Persian Arabic Further Mathematics Drawing and Science	Hindi, Urdu and Bengali	
3	Government High School, Saharanpur	Sanskrit Persian Drawing and Science	Hindi, and Urdu	
4	Chamber Orman High School Rohtak district Saharanpur	Sanskrit Persian Drawing Further Mathematics and Science	Hindi	
5	Kashi Ram High School, Saharanpur	Sanskrit, Persian and Drawing	Hindi	Provisional recognition extended to 1925
6	Islamic High School, Saharanpur	Persian Arabic and Drawing	Urdu	
7	Government High School Muradnagar	Sanskrit Persian Arabic Drawing Science Commerce and Further Mathematics	Hindi and Urdu	Provisional recognition extended to 1925
8	Edwards Anglo Sanskrit High School, Meerut Saharanpur.	Sanskrit Persian Drawing and Science	Hindi	Provisional recognition extended to 1927

Sl. No.	School.	Optional subject or subjects in which recognition has been granted.	Vernacular in which recognition has been granted.	Remarks.
MEERUT DIVISION (continued)				
9	D. A. V. High School, Muzaffargarh.	Sanskrit, Persian and Drawing.	Hindi and Urdu	Provisional recognition accorded to 1927.
10	Government High School, Meerut	Sanskrit, Persian, Drawing, Commerce, Arabic, Science and Manual Training.	Ditto.	
11	Church Mission High School, Meerut.	Sanskrit, Persian, Drawing and Commerce.	Ditto.	
12	Cantonment Anglo-Vernacular High School, Meerut	Sanskrit, Persian and Drawing.	Hindi, Urdu and Bengali.	
13	Paidal-Am High School, Meerut	Persian, Arabic and Drawing.	Hindi and Urdu.	
14	Nankohund Anglo-Sanskrit High School, Meerut.	Sanskrit, Drawing, Science and Persian.	Ditto.	
15	Davangudi High School, Meerut	Sanskrit, Persian, Drawing and Science	Ditto.	
16	Government High School, Hapur, District Meerut	Ditto	Ditto.	
17	Digambar Jain High School, Hapur, District Meerut.	Sanskrit, Persian and Drawing	Ditto.	

		Ditto	Ditto	Ditto	Provisional recognition extended to 1927
19	Jat Vedic High School, Haraut district Meerut	Ditto	Ditto	Ditto	
20	Shambhu Dayal High School, Gharasabad	Ditto	Ditto	Ditto	
21	Govt. Junior High School, Bulandshahr	Sanskrit, Persian, Drawing and Science	Sanskrit, Persian, Drawing and Science	Ditto	
22	Nathmal Ramabhai and Edward Coronation Intermediate College, Khurja Bulandshahr	Sanskrit, Persian, Commerce Science and Drawing	Sanskrit, Persian, Commerce Science and Drawing	Ditto	
23	Anglo-Vernacular High School, Bulandshahr district Bulandshahr	Sanskrit, Persian, Drawing and Science	Sanskrit, Persian, Drawing and Science	Ditto	
24	Anglo Vedic High School, Aunp- shahr district Bulandshahr	Ditto	Ditto	Ditto	
25	Janki Prasad Anglo-Sanskrit High School, Khurja district Bulandshahr	Sanskrit, Persian, Drawing and Science	Sanskrit, Persian, Drawing and Science	Ditto	
26	King Edward Memorial Ja- high School, Lakhanui, dis- trict Bulandshahr	Sanskrit, Persian, Drawing and Science	Sanskrit, Persian, Drawing and Science	Ditto	
27	Kuber High School, Debal, dis- trict Bulandshahr	Sanskrit, Persian, Drawing and Science	Sanskrit, Persian, Drawing and Science	Ditto	
28	Patilab High School, Tehri, dis- trict Garhwal	Sanskrit, Commerce, Drawing, Science and Persian	Sanskrit, Commerce, Drawing, Science and Persian	Ditto	

School	Optional subject or subjects in which recognition has been granted	Vouchers in which recognition has been granted	Remarks
AGRA DIVISION			
Government High School, Aligarh.	Sanskrit, Persian, Drawing, Commerce and Science	Hindi and Urdu.	
Pharmanmaya High School, Aligarh.	Sanskrit, Drawing, Science and Persian		
Kiyasath Pathshala High School, Aligarh.	Sanskrit, Persian and Drawing.		
Aligarh Muslim University Intermediate to College, Aligarh	Sanskrit, Persian, Arabic, Drawing, Persian, Mathematics, Science and Commerce	Ditto.	Provisional recognition extended to 1927.
Government High School, Mathura, District Aligarh.	Sanskrit, Persian, Drawing, Commerce and Science	Ditto.	
D. A. V. Pathshala, Aligarh	Persian, Sanskrit, Drawing and Further Mathematics	Ditto	
Phool Chand Dugla A. S. School, Mathura, District Aligarh	Sanskrit, Persian, Science and Drawing.	Ditto	* Recognition extended up to and including the High School Examination of 1925
Government High School, Mathura	Sanskrit, Persian, Drawing and Science	Ditto.	
Kishori Ram High School, Mathura	Persian, Sanskrit,* Further Mathematics and Commerce.	Ditto	Provisional recognition extended to 1927.

		Sanskrit, Persian Drawing and Science	Ditto	* Recognition extended up to and including the High School Examination of 1923
37	Viceto is High School, Agra			
38	Government High School, Agra	Sanskrit, Persian, Drawing, Commerce, Manual Training, Science and Arithmetic	Ditto	
39	St John's High School, Agra	Sanskrit, Persian, Drawing Commerce Science and Further Mathematics	Ditto	
40	Balwant Lalput High School Agra	Sanskrit Persian Commerce, Science and Drawing	Ditto	
41	Baptist Mission High School Agra	Sanskrit Persian, Drawing and Commerce	Ditto	
42	Muddi Am High School, Agra	Persian Sanskrit Drawing and Science	Ditto	Provisional recognition extended to 1927
43	Railway High School, Tunda District Agra	Sanskrit, Persian, Drawing and Science	Ditto	
44	Radhikawati Educational Institute, Agra	Ditto	Ditto	
45	Shoaib Muhammadia High School Agra	Persian, Arabic, Science Drawing and Commerce	Ditto	
46	D A V High School, Agra	Sanskrit Persian, Drawing and Science	Ditto	Provisional recognition extended to 1927

Serial no.	School.	Optional subject or subjects in which recognition has been granted.	Vornulars in which recognition has been granted.	Remarks.
		AGEA DIVISION		
28	Government High School, Aligarh.	Sanskrit, Persian, Drawing, Commerce and Science	Hindi and Urdu.	
29	Dharam-das High School, Aligarh.	Sanskrit, Drawing, Science and Persian.	Ditto.	
30	Kayasth Pathshala High School, Aligarh.	Sanskrit, Persian and Drawing.	Ditto.	Provisional recognition extended to 1927.
31	Aligarh Muslim University Intermediate College, Aligarh.	Sanskrit, Persian, Arabic, Drawing, Further Mathematics, Science and Commerce.	Ditto.	
32	Government High School, Mathura, district Aligarh.	Sanskrit, Persian, Drawing, Commerce and Science	Ditto.	
33	D. A. V. Pathshala, Aligarh	Persian, Sanskrit, Drawing and Further Mathematics.*	Ditto	Provisional recognition extended to 1927.
34	Phool Chand Dugla A. S. School, Mathura, district Aligarh.	Sanskrit, Persian, Science and Drawing	Ditto	* Recognition extended up to and including the High School Examination of 1925
35	Government High School, Mathura	Sanskrit, Persian, Drawing and Science.	Ditto.	
36	Kishori Ramnagar High School, Mathura.	Persian, Sanskrit,* Further Mathematics and Commerce.	Ditto	Provisional recognition extended to 1927.

Serial no.	School	Optional subject or subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		AGRA DIVISION—(concluded).		
17	St. Ram Chandra Victory High School, Firozabad, Agra.	Sanskrit, Persian, Drawing and Science.	Hindi and Urdu ..	Provisional recognition extended to 1927.
18	Government High School, Mainpuri.	Sanskrit, Persian, Drawing, Science and Commerce.	Ditto.	
49	Mission High School, Mainpuri	Sanskrit, Persian, Arabic and Science.	Ditto.	
50	Government High School, Etah	Sanskrit, Persian, Drawing, Science and Commerce.	Ditto.	
		ROHILKHAND DIVISION.		
61	Government High School, Bareilly.	Sanskrit, Persian, Arabic, Drawing, Commerce, Science and Manual Training.	Hindi and Urdu	
62	State High School, Rampur ..	Arabic, Persian, Sanskrit and Drawing.	Ditto.	
63	Eastern Inglin Memorial High School, Bareilly.	Persian, Sanskrit and Drawing..	Ditto.	

Serial no.	School	Optional subject or subjects in which recognition has been granted	Verbiage in which recognition has been granted.	Remarks.
ROHILKHAND DIVISION - (concluded)				
65	Dhirm Singh Memorial School, Kaulthi, district Moradabad	Sanskrit, Persian and Drawing	Hindi and Urdu	Provisional recognition extended to 1925
66	King George Union High School, Sambhal, Moradabad	Hindi	Ditto	Ditto, But the Drawing class is not in existence
67	Hawatt Muslim High School, Moradabad.	Sanskrit, Persian, Arabic and Drawing	Ditto	Provisional recognition extended to 1925.
68	Government High School, Shahjahanpur	Sanskrit, Persian, Arabic, Drawing, Science, Manual Training and Commerce.	Ditto	Recognized in Manual Training for 1923 and future years and in Commerce for 1923 and future years
69	A. M. H. Mission High School, Shahjahanpur.	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto	
70	Government High School, Fyzabad	Sanskrit, Persian, Drawing, Commerce, Science and Manual Training.	Ditto.	
71	Government High School, Farrukhabad	Sanskrit, Persian, Drawing and Science.	Hindi and Urdu.	
ALLAHABAD DIVISION				

72	Government High School for Girls	Sanskrit Persian Drawing Science and Commerce	Ditto	Commerce has been introduced from July 1911
73	Christians High School Farukhabad	Sanskrit Persian Drawing and Science	Ditto	
74	Demonstration High School for Girls at Farukhabad	Agricultural Botany Persian Sanskrit and Science	Ditto	
75	Government Intermediate College Allahabad	Sanskrit Persian Drawing and Science	Ditto	
76	Isamin High School Jaisalmer	Persian Arabic Drawing Mathematics and Science	Urdu	
77	Sanatan Dharm High School Jaisalmer	Sanskrit Commerce Drawing and Science	Hind and Urdu	
78	Government High School Jaisalmer	Sanskrit Persian Arabic Drawing Commerce Science and Manual Training	Ditto	
79	Hajim Muslim High School Jaisalmer	Persian Arabic and Drawing	Urdu	
80	Government Girls' High School Jaisalmer	Persian Sanskrit Drawing and Science	Hind and Urdu	
81	Christ Church Intermediate for Girls Jaisalmer	Sanskrit Persian Drawing and Science	Ditto	
82	Kanyakubaj High School Jaisalmer	Sanskrit Persian Drawing	Ditto	

Natural Science—Physics and Chemistry

Recognized provisionally for the High School Examination of 1925

* Provisional recognition for Science Extension 1913

Serial No.	School.	Optional subject or subjects in which recognition has been granted	Vernacular in which recognition has been granted.	Remarks.
ALLAHABAD DIVISION (concluded)				
83	D. A.-V. High School, Cawnpore	Sanskrit, Persian and Drawing	Hindi and Urdu.	
84	Pandit Pirthi Nath High School, Cawnpore	Sanskrit, Persian, Drawing and Science	Ditto	
85	Bahrambhai Nath Sanskrit Dharma High School, Cawnpore	Sanskrit, Persian, Drawing and Commerce.	Ditto	Provisional recognition extended to 1927.
86	Government High School, Fatehpur.	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto.	
87	Government Intermediate College, Allahabad.	Sanskrit, Persian, Arabic, Drawing, Manual Training and Science.	Ditto.	
88	Lawing Christian Intermediate College, Allahabad.	Sanskrit, Persian, Arabic, Drawing, Manual Training, Author Mathematics, Agricultural Botany and Science.	Ditto.	
89	Kayastha Pathshala College, Allahabad.	Sanskrit, Persian, Drawing and Science.	Ditto.	
90	Vidyamandir High School, Allahabad	Sanskrit, Persian and Drawing..	Ditto	Provisional recognition extended to 1927.

Serial no.	School	Optional subject or subjects in which recognition has been granted	Vorniculae in which recognition has been granted.	Remarks.
		BENARES DIVISION.		
102	Queen's Intermediate College, Benares.	Sanskrit, Persian, Arabi o, Drawing and Science.	Hindi and Urdu.	
108	London Mission High School, Benares.	Sanskrit, Persian, Drawing, Commerce, Further Mathematics and Science.	Ditto.	
101	Jai Narayan's High School, Benares.	Sanskrit, Persian, Arabic, Drawing, Commerce, Further Mathematics and Science.	Ditto	
105	Udai Pathap College and Hawott Khatiya School, Benares	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto.	
106	Bengali Tola High School, Benares.	Sanskrit, Persian, Drawing and Science.	Hindi, Urdu and Hon	
107	Harish Chandra High School, Benares.	Ditto	Hindi and Urdu.	
108	Anglo-Bengali School, Benares ..	Sanskrit and Drawing	Hindi and Bengali.	
109	D. A. V. High School, Benares ..	Ditto	Hindi and Urdu.	
110	Government High School, Mirzapur	Sanskrit, Persian, Drawing and Science.	Ditto	

111	London Mission High School, Mirzapur	Ditto	Ditto	
112	Anglo-Sanskrit Jubilee School Mirzapur	Ditto		
113	Government High School Jaunpur	Sanskrit, Persian, Arabic, Drawing and Science		
114	Praya Nath Ghosh High School, Jaunpur	Ditto		
115	Khatiya High School Jaunpur	Sanskrit, Persian and Drawing		
116	Victoria High School Ghazipur	Sanskrit Persian, Arabic, Drawing Science and Commerce		
117	City High School Ghazipur	Sanskrit, Persian, Drawing and Science		
118	Government High School, Ballia	Ditto		
119	L. D. Mission High School Ballia	Persian and Sanskrit		
120	Anglo Vernacular High School Ballia	Sanskrit and Persian		Provisional recognition extended to 1927
121	Mission High School Ramnagar Benares State	Sanskrit Persian Drawing and Science		
122	Loyd High School Gyanpur Benares State	Sanskrit Persian Drawing and Science		Provisional recognition in Science extended to 1927
123	Jubilee High School Gorakhpur		Ditto	

GORAKHPUR DIVISION

Sanskrit Persian, Arabic Drawing Further Mathematics Science Commerce and Manual Training

NOTE.—be success—Physics and Chemistry

Serial no.	School.	Optional subject or subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks
		GORAKHPUR DIVISION— (concluded).		
124	George Islamia High School, Gorakhpur.	Arabic, Persian and Sanskrit ..	Urdu and Hindi ..	Provisional recognition extended to the High School Examination of 1926.
125	Gorakhpur High School, Gorakhpur.	Sanskrit, Persian, Arabic, Science and Drawing.	Ditto	Provisional recognition extended to 1926.
126	St Andrew's Collegiate School, Gorakhpur.	Sanskrit, Persian, Drawing and Science.	Ditto.	
127	King Edward High School, Deoria.	Sanskrit, Persian, Arabic and Drawing.	Ditto.	
128	Government High School, Basti	Sanskrit, Persian, Arabic, Science and Drawing.	Ditto	
129	Ratan Son High School, Bansi, district Basti.	Sanskrit, Persian and Drawing..	Ditto.	
130	Wesley High School, Azamgarh	Sanskrit, Persian, Commerce, Drawing and Science.	Ditto	
131	Smith High School, Azamgarh, district Azamgarh.	Sanskrit and Persian ..	Ditto	Provisional recognition extended to 1927.
132	George High School, Azamgarh	Sanskrit, Persian and Arabic ..	Ditto	Provisional recognition extended to 1927.

KUMAUN DIVISION

123	Government High School Nainital	Sanskrit Persian Drawing Further Mathematics and Science.	Hindi and Urdu	
124	Haleghatty High School Nainital	Sanskrit Drawing and Persian	Hindi	
125	Government Intermediate College Almora	Sanskrit Persian Drawing and Science	Do	
126	Rathay High School Almora	Sanskrit Persian Drawing Further Mathematics and Science	Hindi and Urdu	Provisional recognition in Hindi extended to 1925.
127	Mysore High School, Paur (Garhwal)	Sanskrit Drawing and Science	Hindi	Provisional recognition extended to 1927
128	Government High School Sirinagar (Garhwal)	Ditto	Hindi and Urdu	Recognition in Urdu extended to the High School Examination of 1926
129	Udharaj Hindu School Kashipur	Sanskrit and Drawing	Ditto	Provisional recognition extended to 1927
130	King George School, Lansdowne	Ditto	Hindi	

LUCKNOW DIVISION

141	Government Jubilee Intermediate College, Lucknow	Sanskrit Persian Arabic Drawing Commerce Science and Manual Training	Hindi and Urdu	
142	Muzainabad High School Lucknow	Sanskrit Persian Arabic Drawing and Science	Ditto	
143	C. V. S. Urteit High School, Lucknow	Sanskrit Persian Drawing and Science	Ditto	

Note—Science—Physics and Chemistry

Serial no	School.	Optional subject or subject in which recognition has been granted.	Vocannulars in which recognition has been granted.	Remarks
LUCKNOW DIVISION— (concluded)				
114	Kalicharan High School, Lucknow	Sanskrit, Persian, Drawing and Science	Hindi and Urdu	
115	Queen's Anglo-Sanskrit High School, Lucknow.	Sanskrit, Persian, Drawing, Commerce and Science	Hindi, Urdu and Bengali	
116	Christian Intermediate College, Lucknow.	Sanskrit, Persian, Commerce and Science.	Hindi and Urdu	
117	Hari Chand High School, Lucknow.	Sanskrit, Persian, Drawing, Commerce and Science.	Ditto	Provisional recognition extended to 1927.
118	Aminabad High School, Lucknow.	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto.	
119	Colvin Taluqdars' High School, Lucknow.	Sanskrit, Persian, Agricultural Botany and Science.	Ditto.	
120	Islamia High School, Lucknow.	Persian, Arabic, Drawing, Sanskrit and Science.	Urdu and Hindi	Provisional recognition extended to 1928.
121	Girdhari Singh Pathshala, Lucknow.	Sanskrit, Persian, Sanskrit and Drawing.	Hindi and Urdu	Provisional recognition extended to 1927.
122	D. A. V. School, Lucknow	Sanskrit, Persian and Drawing	Ditto	Provisional recognition extended to 1926.

		Persian, Arabic and Drawing	Urdu	Provisional recognition extended to 1927
153	Shia Intermediate College, Lucknow	Sanskrit, Persian, Drawing and Science	Hindi and Urdu	Provisional recognition extended to 1927
154	Kanya Kanya Intermediate College, Lucknow	Sanskrit, Persian, Arabic, Drawing and Science	Ditto	Provisional recognition extended to 1927
155	Government High School, Unao	Sanskrit, Persian and Science	Ditto	Provisional recognition extended to 1927
156	K D J High School, Maurawan, district Unao	Sanskrit, Persian and Science	Ditto	Provisional recognition extended to 1927
157	Government High School, Rae Bareilly	Sanskrit, Persian, Arabic Drawing Commerce and Science	Ditto	Provisional recognition extended to 1927
158	Hindu High School, Rae Bareilly	Sanskrit, Persian and Drawing.	Ditto	Provisional recognition extended to 1927
159	Government High School, Sitapur	Sanskrit, Persian, Arabic, Drawing, Manual Training, Further Mathematics, Commerce and Science	Ditto	Provisional recognition extended to 1927
160	Colvin High School, Mahmoodabad, district Sitapur	Sanskrit, Persian, Arabic and Science	Ditto	Provisional recognition extended to 1927
161	Seth Jai Dayal School, Ewan district Sitapur	Sanskrit, Persian and Science ..	Ditto	Provisional recognition extended to 1927
162	Raja A V. School, Sitapur	Sanskrit, Persian, Arabic and Drawing	Ditto	Provisional recognition extended to 1927
163	Government High School, Haridwar	Sanskrit Persian, Arabic, Drawing and Science.	Ditto	Provisional recognition extended to 1927
164	King George & Kathiya School, Haridwar	Sanskrit, Persian and Drawing	Ditto	Provisional recognition extended to 1927

Serial no	School	Options of subjects or subjects in which recognition has been granted.	Vernaculars in which recognition has been granted	Remarks.
		LUCKNOW DIVISION (concluded).		
165	Dharam Sabha High School, Lakhimpur	Sanskrit, Persian, Science and Drawing.	Hindi and Urdu	Provisional recognition extended to 1926.
166	Government High School, Lakhimpur.	Sanskrit, Persian, Arabic, Drawing and Science	Ditto	
		FYZABAD DIVISION.		
167	Government Intermediate College, Fyzabad.	Sanskrit, Persian, Arabic, Drawing and Science.	Hindi and Urdu.	
168	Forbes High School, Fyzabad	Arabic, Persian, Sanskrit and Drawing	Ditto	Provisional recognition extended to 1927.
169	Manohar Lal High School, Fyzabad	Persian, Sanskrit, Drawing and Science	Ditto	Ditto.
170	Government High School, Gondia	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto.	
171	Lyall Collegiate School, Balrampur, district Gondia.	Sanskrit, Persian, Drawing, Science and Commerce.	Ditto.	
172	Government High School, Sultanpur.	Sanskrit, Persian, Arabic, Drawing and Science.	Ditto.	

		Ditto	..	Ditto	Provisional recognition in Further Mathematics extended to 1925.
173	Government High School, Patnagarh				
174	Vijit Sombans High School, Patnagarh			Sanskrit, Persian, Drawing and Further Mathematics.	
175	Government High School, Barananki			Sanskrit, Persian Arabic, Drawing and Science	
176	Government High School, Baranaskh			Sanskrit Arabic, Persian, Science and Drawing.	
				Girls' Schools.	
177	Isabella Thoburn High School, Lucknow			Agricultural Botany, Persian, Sanskrit Latin and French.	
178	A. P. Mission Girls' High School, Dehra Dun			Persian and Domestic Science	
179	Mary Wanamaker Girls' High School, Allahabad			Ditto	
180	Queen Victoria Girls' High School, Agra			Domestic Science	
181	Theosophical National Girls School and Women's College, Benares			Sanskrit and Drawing	
				..	
				Hindi	Recognized for the High School Examination in 1923.

NOTE - Science - Physics and Chemistry.

Serial no.	School.	Optional subject or subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
182	Crosthwaite Girls' College, Allahabad.	Girls' Schools - (concluded). Sanskrit, Persian and Drawing ..	Hindi, Urdu, Marathi, Gujarati and Bengali.	Recognized provisionally for the High School Examination of 1925.
183	Jagat Taran Girls' High School, Allahabad.	Sanskrit	Bengali	
184	M. F. Mission Girls' School, Meerut.	Persian	Urdu.	
185	St. George's Intermediate College, Mussorie.	High Schools for Europeans Recognized in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.		
186	St. Joseph's Collegiate School, Allahabad.	Ditto.		

NOTE.— Science— Physics and Chemistry.

List of Institutions in the United Provinces recognized for the Commercial Diploma Examination of 1923

Serial no.	Name of institution.	Remarks
1	Meerut College, Meerut	.
2	Lucknow Christian College, Lucknow	
3	St John's College Agra	
4	D A V College Cawnpore	
5	Sanatan Dharm College of Commerce Cawnpore	
6	Bhram Sundar Memorial Intermediate College, Chandaul	

LIST OF INSTITUTIONS OUTSIDE THE UNITED PROVINCES RECOGNIZED FOR THE EXAMINATIONS CONDUCTED BY THE BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION FOR 1925.

List of institutions situated in Ajmer-Merwara and Rajputana Agency, and admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1925.

Serial no	Name of institution.	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
HIGH SCHOOLS.			
1	Railway Anglo-Vernacular High School, Abu Road.	Persian, Sanskrit, Science, Urdu, Hindi and Gujarati.	
2	Government High School, Ajmer ..	Sanskrit, Persian Science, Hindi, Urdu and Drawing.	
3	D. A. V. High School, Ajmer ..	Sanskrit, Science and Hindi.	
4	Husband Memorial High School, Ajmer	Sanskrit, Science, Hindi, Persian and Urdu.	
5	St. Angela's High School, Ajmer ..	Latin, French, Urdu, Science and Drawing.	
6	Convent School, Ajmer ..	Drawing, French, German and Urdu	

8	Mona Islamia School, Ajmer	Persian, Urdu and Drawing
9	Mission High School, Beawar	Sanskrit Science, Persian, Hindi, Urdu and Arabic
10	Mission High School, Naarabed	Sanskrit Persian, Hindi and Urdu and *Commerce
INTERMEDIATE COLLEGE.		
10	Government College, Ajmer	Mathematics, Physics, Chemistry, Logic, History, Sanskrit and Persian

*Recognised provisionally in Commerce from 1925.

List of institutions situated in the Indian States of Rajputana and admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1925

HIGH SCHOOLS

1	Mewar High School Alwar	Persian, Sanskrit, Hindi, Urdu and Science
2	Sardar High School Bharatpur	Sanskrit Persian Hindi, Urdu Physics and Chemistry
3	Dungar Collegiate School Bikaner	Sanskrit, Persian, Hindi, Urdu, Physics Chemistry and Drawing
4	Walter Nobles' High School, Bika ner	Sanskrit and Hindi

Serial no.	Name of institution	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
RAJPUTANA HIGH SCHOOLS - (concluded).			
5	Darbar High School, Bundi ..	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.	
6	U. F. C. Mission High School, Jalpur	Ditto.	
7	Maharaja's Collegiate School, Jalpur	Ditto.	
8	Anglo-Vedlic High School, Jobner ..	Ditto.	
9	Darbar High School, Jodhpur ..	Sanskrit, Persian, Science, Hindi, Urdu and Drawing.	
10	Rajput High School, Jodhpur ..	Sanskrit and Hindi	
11	Sri Pratap School, Jodhpur ..	Sanskrit, Persian, Science, Hindi, Urdu and Drawing.	
12	Maharaja's High School, Karauli ..	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.	
13	State High School, Khetri ..	Ditto.	

14	Herbert High School, Kotab	..	Ditto	Recognition in Science and Drawing extended to the High School Examination of 1926
15	Darbar High School, Tonk		Ditto	
16	Maharani's High School, Udaipur		Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904, and also in Science and Drawing	
17	Darbar High School, Jhalrapatan		Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904	
18	Sanatan Dhatam Prakashini Pathshala Bawar		Sanskrit, Science, Urdu and Hindi	Recognised for the High School Examination of 1925
19	Maharana High School, Dholpur		Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	
INTERMEDIATE COLLEGES				
20	Maharaja's College, Jaipur		Recognised in all the subjects taught by the University for the Intermediate Examination previous to the passing of the Universities Act of 1904	Provisional recognition extended to the Intermediate Examination of 1926.
21	Maharana's College, Udaipur		Persian, Sanskrit, Logic, Ancient or Modern History, Physics, Chemistry and Mathematics	
22	Jaswant College, Jodhpur		Sanskrit, Persian, Chemistry, Mathematics, Logic, Ancient History, Physics and Economics	

List of Institutions in Gwalior State admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1925.

Serial no.	Name of institution	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
		HIGH SCHOOLS.	
1	Victoria Collegiate School, Lashkar	Recognized in all the subjects taught by the University for the Entrance Examination previous to the passing of the University Act of 1904.	
2	Morr High School, Morar	Ditto.	
3	Madhava College, Ujjain	Ditto.	
4	Sardar's High School, Gwahior	Science, Marathi, Hindi, Urdu, Drawing, Agriculture with surveying, Sanskrit and Persian.	
		INTERMEDIATE COLLEGE.	
5	Victoria College, Lashkar	Recognized in all the subjects for the Intermediate Examination taught by the University previous to the passing of the University Act of 1904. Economics.	

List of Institutions in Central India admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1923

HIGH SCHOOLS

The candidates have been prepared from time to time for examinations in Physics, Chemistry, Sanskrit, Persian, Urdu, Hindi, and Agriculture

	In all subjects	
Government High School, Newwong	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904	
Zorastrian High School, Mhow	Ditto	
Convent High School, Mhow	Sanskrit, Persian, Hindi and Urdu	
Mahendra High School Tikamgarh (Orchha)	Ditto	
High School, Panna	Ditto	
Ganga Singh High School, Charkhari	Ditto	
Maharaja's High School, Chhatarpur	Ditto	
High School, Datla ..	Sanskrit, Persian, Physics, Chemistry, Hindi, Urdu, Bengali and Drawing	
Maharaja Shivaji Rao High School Indore	Recognised in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.	

Sl. No.	Name of Institution.	Optional subjects and the Varnanathana in which recognition has been granted.	Remarks
CENTRAL INDIA HIGH SCHOOLS— (continued).			
10	Pitkechand Jain High School, Indore	Sanskrit, Hindi, Drawing and Science.	
11	Chandruwari Mahila Vidyalaya, Indore (High School).	Sanskrit, Marathi, Hindi and Drawing with permission also to candidates to appear in Science, provided they attend regular course of instruction in that subject at the Maharaja Shriwaji Rao High School, Indore.	
12	Darbar High School, Rewari ..	Hindi, Urdu, Sanskrit, Persian, Science and Drawing.	
13	Venkai High School, Satna ..	Hindi, Urdu, Sanskrit, Persian and Science.	
14	Government High School, Indore Residency.	Science, Persian, Hindi, Gujarati, Sanskrit, Urdu and Drawing.	
15	Indore Christian Collegiate School, Indore.	Science, Sanskrit, Marathi, Drawing and Hindi.	
16	Canadian Mission Girls' High School, Indore.	Persian, Physics, Chemistry, French and Latin.	
17	King-Empress George V. High School, Dewani, S.B.	Sanskrit, Science, Marathi, Hindi and Drawing.	
18	Victoria High School, Dewani, J.B. ..	Sanskrit, Science, Hindi, Persian, Urdu, Marathi and Drawing.	

19	Rarr High School, Jaora	Science, Persian, Hindi and Urdu	
20	Darbar High School, Ratlam	Sanskrit, Persian, Hindi, Urdu, Physics, Chemistry and Drawing	
21	Alexandra High School Bhopal	Persian, Urdu, Sanskrit and Science	
22	Jehangir High School, Bhopal	Ditto	
23	Benah High School, Nagargh	Sanskrit, Persian Hindi and Urdu	Recognized for the H S Exam nation of 1925
24	Victoria High School, Narsingarh	Sanskrit, Persian, Hindi and Urdu	
25	Government High School Sehore Cantonment	Persian Sanskrit, Urdu, Hindi Science and Drawing	
26	King Edward High School Sallana	Sanskrit Persian Drawing Hindi and Urdu	
27	Anand High School, Dbar	Science Sanskrit, Persian, Hindi Urdu and Drawing	
28	Victoria High School Barwani	Sanskrit Hindi, Persian and Urdu,	
29	Daly College Indore	Science Hindi and Urdu	
30	Sir Ram Singh High School Pitambar	Sanskrit, Persian Drawing Hindi, Marathi and Urdu	* Recognized provisionally in Urdu.

INTERMEDIATE COLLEGES

31	Indore Christian College, Indore	Sanskrit, Persian Mathematics History, Logic and Economics	
32	Holkar College, Indore	History, Sanskrit, Persian Logic, Mathematics Economics, Physics and Chemistry	

APPENDIX A.

*Dates of the High School, Intermediate and Commercial
Diploma Examinations of 1925.*

In 1925.—The High School, the Intermediate and the
Commercial Diploma Examinations will commence on the
13th March, 1925.

APPENDIX B

Byelaws of the Board framed under section 20 of
the Intermediate Education Act 1921

1 At all meetings of the Board seven members inclusive of the Chairman shall form a quorum

2 If a quorum is not present thirty minutes after the advertised time of the meeting there shall be no meeting

3 If in the course of a meeting any member calls attention to the absence of a quorum the Chairman shall dissolve the meeting

4 Every question shall be decided by a majority of the votes of the members present. In the case of the votes being equally divided the Chairman shall have a second vote

5 If a member continuously disregard or questions any order or ruling of the Chairman made at a meeting of the Board, the Chairman may take the vote of the meeting as to whether such member shall not be suspended for that day. If the members present decide upon suspension the Chairman shall declare the offending member suspended and such member shall be bound immediately to withdraw

6 No motion which has been negatived by the Board shall be again brought forward except with the permission of the Chairman within one year from the date upon which it was negatived

7 All meetings of the Board shall be presided over by the *ex officio* Chairman of the Board. In the absence of the Chairman the members present shall elect a Chairman

8 Meetings of the Board and of its Committees shall unless for special reasons the Chairman otherwise directs be held at Allahabad

9 The election of co-opted members of the Board shall be held at the Annual Meeting of the Board.

10 Notice in writing of meetings of the Board shall be despatched to all members of the Board not less than three weeks before the meeting together with the agenda paper for the meeting

11. No business other than that contained in the agenda paper shall be transacted at a meeting unless with the consent of the Chairman.

12. Notice of a motion or resolution to be moved at a meeting of the Board must be in the hands of the Secretary not less than 10 days before the meeting.

13. All questions as to whether proper notice of a motion has been given shall be decided by the Chairman, whose decision shall be final.

14. (a) No motion or resolution of which due notice has not been given may be moved at a meeting of the Board, except—

- (1) to adjourn a debate,
- (2) to adjourn the meeting,
- (3) to dissolve the meeting,
- (4) to change the order of business,
- (5) to refer any matter to any authority of the department or the University or the Government.
- (6) to pass to the next item of business,
- (7) to appoint a committee,
- (8) to resolve the meeting into a Committee,
- (9) to propose that the question be now put.

(b) A motion under (1), (2), (6) or (9) above shall be put to the vote without discussion.

(c) Motions under (1), (2), (3), (4), (6), (8), and (9) shall only be moved with the previous consent of the Chairman.

15. Every motion shall be affirmative in form and shall begin with the word "that."

16. Every motion must be seconded, otherwise it shall drop. The seconder of a motion may reserve his speech with the permission of the Chairman.

17. When a motion that is in order has been seconded, it shall be stated from the Chair, before it is discussed.

18. If no member rises to speak to the motion after it has been stated from the Chair, the Chairman shall proceed to put the question to the vote.

19 Not more than one motion and one amendment thereto shall be placed before the meeting at the same time.

20 A motion once disposed of shall not be again brought forward at the same meeting, or at any adjournment thereof

21 No amendment shall be proposed which would in effect constitute a direct negative to the original motion

22 Every amendment must be relevant to the motion upon which it is moved

23 No amendment shall be proposed which substantively raises a question already disposed of by the meeting or which is inconsistent with any resolution already passed by it.

24 The order in which amendments that are in order are to be taken up shall be determined by the Chairman

25 An amendment must be seconded in the same way as a motion, otherwise it shall drop. A seconder of an amendment may reserve his speech with the permission of the Chairman

26 When an amendment that is in order has been moved and seconded it shall be stated from the Chair

27 The mover of a motion for resolution or adjournment has no right of reply

28 When the Chairman has ascertained that no other member entitled to address the meeting desires to speak, the mover of the original resolution may reply upon the whole debate

29 No member shall speak to the question after the mover has entered on his reply

30 When the debate is concluded the Chairman shall after summing up if he so desires put the question to the vote thus —

- (1) If there is an amendment the Chairman shall state the motion and the amendment and take the vote of the meeting

(2) If the amendment is negatived, the original motion shall be again stated from the Chair, and subject to the foregoing regulations, any other amendment which is in order may then be proposed thereto.

(3) If an amendment is carried, the motion, as amended, shall be stated from the Chair, and may then be debated as a substantive question, to which any further amendments to the original motion which are in order, so far as they shall be applicable, may be proposed, subject to the foregoing regulations. Such further amendments shall be disposed of in the same manner as the original amendment. When all the amendments have been thus dealt with, the Chairman shall take the vote of the meeting on the motion as amended as the substantive resolution.

31. A motion for dissolution or adjournment may be moved at any time as a distinct question, but not as an amendment, nor so as to interrupt a speech

32. If a motion for dissolution is carried, the business before the meeting shall drop.

33. If a motion for adjournment is carried, the meeting shall be adjourned, and the business shall be resumed at the adjourned meeting.

34. A motion for the adjournment of a debate to some specified date and hour may be moved in the like manner, and if it be carried, shall have the effect of postponing the debate on the question under consideration till the date and hour specified, and the other items on the agenda paper shall be proceeded with. If the motion be negatived, the debate shall be resumed.

35. A meeting or a debate, renewed or continued after an adjournment, is to be deemed one with that preceding the adjournment.

36 A motion to pass to the next item of business may be made at any time in like manner and subject to the same rules as one for adjournment. If such motion be carried, the motion under consideration and the amendment thereon, if any, shall drop.

37. At any time after a motion or amendment has been made a member may request the Chairman to put the question and if it appears to the Chairman that the motion has been sufficiently discussed, he may close the discussion by calling upon the mover for his reply, and may then put the question to the vote.

38. No member shall speak for more than fifteen minutes when proposing a motion or amendment or for more than ten minutes when seconding or speaking to a motion or amendment, or when replying.

39 The Chairman may, at any stage in the proceedings, at his own discretion or at the request of a member, explain the scope and effect of the motion or amendment which is before the meeting. He may also at the conclusion of a debate, sum up the debate if he so desires.

40 Any member may, with the permission of the Chairman, rise even while another is speaking, to explain any expression used by himself which may have been misunderstood by the speaker, but he shall confine himself strictly to such explanation.

41 Any member may call the Chairman's attention to a point of order even while another member is addressing the meeting, but no speech shall be made on such point of order.

42 The Chairman shall be the sole judge on any point of order, and may call any member to order and may, if necessary, dissolve the meeting and adjourn it to some hour on the same or the following day.

43 A motion or amendment may be withdrawn by permission of the Chairman by any member who has given notice of such motion or amendment.

44. Any motion or amendment standing in the name of a member who is absent from a meeting may be brought forward by any other member.

45. On putting any question to the vote, the Chairman shall call for an indication of the opinion of the Board by a show of hands in the affirmative and negative, and shall declare the result thereof according to his opinion.

46. A motion for the appointment of a Committee on a subject under debate may be made by any member at any time, and without previous notice.

47. A motion for the appointment of a Committee must define the purpose for which the Committee is to serve and the number of members to compose it. Amendment for enlarging or restricting the number may be made without previous notice. If the motion is carried, the member moving shall name the persons whom he wishes to form the Committee. A ballot shall then be taken, if necessary, and the requisite number appointed from those who obtain the largest number of votes.

48. The Convener of a Committee shall be appointed at the time of the appointment of the Committee.

49. The resolutions of a Committee appointed by the Board shall be embodied in a report. The report shall be presented to the Board at its next meeting, subject to due notice.

50. Notice of meetings of Committees may be sent to members by the Conveners through the Secretary or direct, but in the latter case a copy of the notice must invariably be sent to the Secretary.

51. Meetings of all ordinary Committees of the Board shall, as far as possible, be held immediately before the meetings of the Board.

52. The Convener of a Committee shall furnish to the
copy of the report of every meeting of the Com-
with a list of the members present.
um of a Committee shall not be less than
bers constituting it.

54 If the meeting of a Committee fails for want of a quorum the meeting may be adjourned to some other date when the members present will exist in the absence of a quorum transact the business notified for the original meeting. The business of a meeting which fails for want of a quorum may also be transacted by correspondence.

55 Committees of Courses may dispose of their business partly by meeting and partly by correspondence.

56 At meetings of Committees of the Board every question shall be decided by a majority of the votes of the members present. In the case of the votes being equally divided the person presiding shall have a second vote.

57 As soon as practicable after meeting of the Board a draft of the minutes of such meeting shall be submitted by the Secretary to the Chairman and attested by him. The minutes shall then be printed and circulated to all members and such of them as were present shall within a fortnight of the issue of the minutes communicate to the Secretary any exceptions they may take to the correctness thereof. The minutes and the exceptions taken, if any, shall be laid before the next meeting of the Board and the minutes in their final form shall then be confirmed.

58 In any case not provided for by these by-laws the Chairman shall be entitled to give his own ruling as to procedure.

APPENDIX C.

List of the Panel of Inspectors for the Inspection of Intermediate Colleges.

The following persons have been nominated by the Board under Regulation 4, Chapter VII of the Board's Regulations for the inspection of Intermediate Colleges in association with the Divisional Inspector of schools :—

1. Dr. S. A. Khan, Head of the Department of History, Allahabad University, Allahabad.
2. Dr. P. K. Acharya, Head of the Sanskrit Department, Allahabad University, Allahabad.
3. Dr. N. R. Dhar, Dean of the Faculty of Science, Allahabad University, Allahabad.
4. Mr. A. A. Simpson, Principal, Training College, Allahabad.
5. Mr. H. Tinker, Principal, Training College, Agra.
6. Dr. Tara Chand, Principal, Kayastha Pathshala, Allahabad.
7. Rev. Canon A. W. Davies, Principal, St. John's College, Agra.
8. Lala Diwan Chand, Principal, D. A. V. College, Cawnpore.
9. Dr. W. S. Dudgeon, Professor of Botany, Ewing Christian College, Allahabad.
10. Mr. N. Heard, Badshah Bagh, Lucknow.
11. Mr. S. Higginbottom, Principal, Agricultural Institute, Naini (Allahabad).
12. Mrs. Saralabai Naik, Head Mistress, Muslim Girls' High School, Lucknow.
13. Rev. M. S. Douglas, Principal, Christ Church College, Cawnpore. (On leave).
14. Shams-ul-ulma M. Abbas Husain, Professor of Persian, Aligarh Muslim University, Aligarh.
15. Rev. Dr. J. R. Chitambar, M. A., D. D., Principal, Lucknow Christian College, Lucknow.

16 Mr S G Dunn, Head of the English Department, Allahabad University, Allahabad

17 Mr B Sanjiva Rao, Principal Queen's Intermediate College Benares

18 Rev. L Steele Professor of Commerce, St John's College, Agra

19 Rev E M Moffatt Principal Christian School of Commerce Lucknow

20 Mr A B Dhirva Pro-Vice Chancellor Benares Hindu University Benares

21 Dr Ganesh Prasad Late Professor of Mathematics, Benares Hindu University, Benares

22 Mr P K Ielang Professor of History Benares Hindu University Benares

23 Dr S S Bhatnagar Professor of Chemistry, Benares Hindu University, Benares

24 Mr S B Smith Professor of History, Lucknow University Lucknow

25 Dr Radha Kamal Mukerji Professor of Economics and Sociology Lucknow University, Lucknow

26 Dr Wali Muhammad Professor of Physics, Lucknow University, Lucknow

27 Dr Ziauddin Ahmad Pro Vice Chancellor, Aligarh Muslim University, Aligarh

28 Mr F J Moss Retired Professor of English Aligarh Muslim University Aligarh

29 Mr M M Sharif, Professor of Philosophy Aligarh Muslim University Aligarh

30 Dr L K Hyder Professor of Economics Aligarh Muslim University, Aligarh

31 Mr M Hyder Khan Professor of Chemistry, Aligarh Muslim University Aligarh

32 Dr A S Tripathi Professor of Arabic Aligarh Muslim University Aligarh

33 Dr K C Mehta, Professor of Biology Agra College Agra

34. Mr. H. Krall, Professor of Chemistry, Agra College, Agra.

35. Mr. A. C. Dutt, Professor of English, Bareilly College, Bareilly.

36. Mr. W. Jesse, Late Principal and Professor of English, Meerut College, Meerut.

37. Mr. T. D. Sully, Professor of Philosophy, St. John's College, Agra.

38. Major E. W. Dunn, Professor, Aligarh Muslim University, Aligarh.

39. Professor D. P. Bhattacharya, Professor of Mathematics, Bareilly College, Bareilly.

40. Mr. V. S. Tamma, Professor of Physics, Meerut College, Meerut.

41. Mr. Madho Prasad, Professor of Chemistry, Meerut College, Meerut.

42. Mr. Chand Bahadur, Professor of English and History, Meerut College, Meerut.

43. Mr. S. K. Mittra, Professor of Economics, Bareilly College, Bareilly.

44. Mr. Lakshman Prasad, Principal, D. A. V. College, Dehra Dun.

45. Shams-ul-ulma Khwaja Kamal-ud-din, Professor of Arabic, Lucknow University, Lucknow.

46. Maulvi M. A. Nami, Lecturer, Arabic and Persian Department, Allahabad University, Allahabad.

47. Rev. E. W. Ormerod, Vice-Principal, Christ Church College, Cawnpore

48. Dr. N. G. Chatterji, Assistant Chemist, Government Technological Institute, Cawnpore.

49. Mr. F. Shah Gilani, Professor of Persian, Meerut College, Meerut.

50. Miss Nichols, Principal, Isabella Thoburn College, Lucknow.

51. Mr. C. D. Thompson, Professor of Economics, Allahabad University, Allahabad.

- 52 Mr. C A Warburton, Professor of Economics, Allahabad University, Allahabad
- 53 Mr. J A Strang Professor of Mathematics, Lucknow University Lucknow
- 54 Mr W G P Wall Principal Government Intermediate College Allahabad
- 55 Mr R S Weir, Principal La Martiniere College, Lucknow
- 56 Mr T C Jones Principal Agra College, Agra
- 57 Mr S P Prasad Professor of Physics Agra College Agra
- 58 Mr Ekanath Banerji, Professor of Mathematics Agra College Agra
- 59 Maulvi S M Ibn Ibrahim, Professor of Arabic and Persian, Agra College, Agra
- 60 Mr Hitkari Singh Seth Professor of Zoology, Agra College Agra
- 61 Mr J C Powell Price Principal Government Intermediate College Almora
- 62 Rev A C Pelly, Principal and Professor of English St Andrew's College Gorakhpur
- 63 Mr G N Basu Mullick Professor of History, Meerut College Meerut
- 64 Mr P Seshadri Professor of English, Benares Hindu University, Benares
- 65 Mr R H Moody Officiating Assistant Director of Public Instruction, United Provinces Allahabad
- 66 Dr K N Bahl Professor of Zoology Lucknow University Lucknow
- 67 Dr S M Sane Professor of Chemistry, Lucknow University Lucknow
- 68 Mr Maya Das, Principal Agricultural College Cawnpore
- 69 Dr Meghnad Saha, Professor of Physics Allahabad University, Allahabad

70. Mr. M. K. Ghosh, Reader, Commerce department, Allahabad University, Allahabad.

71. Mr. Hira Lal Khanna, Vice-Principal, D. A.-V. College, Cawnpore.

72. Mr. Shankar Prasad Bhargava, Principal, S. D. College of Commerce, Cawnpore.

73. Mr. S. C. Chattterji, Principal, Christ Church College, Cawnpore.

APPENDIX D

List of the teaching staff of Intermediate Colleges and Commercial Institutions in and outside the United Provinces recognized by the Board

MEERUT COLLEGE.

1	T F O'Donnell Esq	M A	Principal
	B A		
2	V S Tanna Esq	M Sc	Professor of Physics
	(Allahabad)		
3	G N Bose Mullick Esq		Do History
	M A, (Allahabad)		
4	Chand Bahadur Esq, M A		Do English
	English (Allahabad) and		
	M A, History (Punjab)		
5	Madho Prasad Esq	M Sc	Professor of Chemistry
	(Allahabad)		
6	Madan Mohan Esq	M A	Professor of Mathematics
	(Benares)		
7	Jadu Nath Sinha Esq		Professor of Logic
	M A P H S (Calcutta)		
8	V V. Sovani Esq	M A	Do Sanskrit
	(Bombay) M B O R I		
9	Fazl Shab Gilani Esq	M A	Do Persian
	(Punjab)		
10	Nand Lal Bhatnagar Esq,		Do Economics
	M A (Allahabad)		
11	V P Bidwai Esq	M Sc	Assistant Professor of Physics
	(Allahabad)		
12	Rameshwar Dyal Esq		Assistant Professor of Mathematics
	M A (Allahabad)		
13	Jai Narain Mathur Esq		Assistant Professor of Chemistry
	M Sc (Allahabad)		
14	Dori Lal Dubey, Esq, M A,		Assistant Professor of English and Economics
	(Allahabad)		

MEERUT COLLEGE—(concluded).

15. Banwari Lal, Esq., Com- Professor of Com-
mercial Diploma Holder, merce.
(Allahabad).
16. Shanker Lal, Esq., B Com, Ditto
(Lucknow)
17. Pearey Lal, Esq., Shastri Reader in Sanskrit.
(Punjab).
18. M. Mahmood Ali Grami, Do. Persian
Esq., M.F., (Punjab).

D A-V. INTERMEDIATE COLLEGE, DEHRA DUN.

1. L. Lakshman Pra-sad, M.A. English, Classes IX,
Principal. XI, XII.
2. Mr. A. D. Banerji, M.A., B.Sc., History, Classes X, XI,
B.L., Vice-Principal. XII.
3. B. Badri Nath Chibbar, Geography, Class X,
B.A., L.T., Head Master. English X.
4. Mr. S. C. Bhattacharya, M.A., English Classes, X, XI,
Assistant Master. XII
5. Mr. A. S. Sinha, M.A., L.T., Mathematics, Classes
Assistant Master. IX, X, XI and XII.
6. Mr. A. D. Chaudhri, M. Sc., Chemistry, Classes IX,
Assistant Master. XI, XII.
7. Vacant, M. Sc., ... Physics, Classes XI and
XII, Science, Class X.
8. Mr. S. B. Roy, M.A., Assistant English, Classes IX, X,
Master. Logic, Classes XI,
XII History,
Geography, Class
IX.
9. B. Ralia Ram, B.A., Assistant Mathematics, Classes
Master. IX, X.
10. B. Salig Ram, B.A., Assistant English, Classes IX, X.
Master. History, Geography,
Class IX.

D A - V INTERMEDIATE COLLEGE, DEHRA DUN—

(concluded)

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|-----|---|---|
| 11. | Pandit Ram Chandra Shastri, Shastri, Kavyatirtha, Teacher of Sanskrit, Ayurvedaupadhyaya Sahityacharya. | Sanskrit, Classes X, XI and XII, Hindi, Class X |
| 12. | Pandit Ram Chandra, Assistant Teacher of Sanskrit, Madhyma, Acharya I part. | Sanskrit Class IX, Hindi, Class IX. |
| 13. | Pandit Basudeo Sharma, Assistant teacher of Sanskrit and Hindi, Madhyma, Acharya 2 parts | Hindi, Class IX. |
| 14. | Syed Abbas Husain, teacher of Persian, Munshi Alim (Experienced). | Persian, Classes X, XI and XII, Urdu, Class X. |
| 15. | Syed Taqi Husain, Munshi, Assistant teacher of Persian. | Persian, Class IX, Urdu, Class IX |
| 16. | B. Ayodhya Nath, Drawing Master, Senior Certificate, Punjab Mayo School of Arts, Lahore. | Drawing, Classes IX and X. |

N R E C. INTERMEDIATE COLLEGE, KHURJA

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|----|--|---|
| 1. | Mr. Brahama Swarup, M A , Allahabad (English), C.T. | English, Classes XI and X |
| 2. | Mr Chhuni Lal Majumdar, M.A , Calcutta (Economics) B.T. | Economics and Logic Class XI and English, Class X. |
| 3. | Mr Ram Saran Das Sakse na, M sc., Allahabad (Chemistry). | Chemistry, Class XI and Science, Classes, X, IX, Mathematics, Class IX. |

N. P. E. C. INTERMEDIATE COLLEGE KHURJA—

(continued)

4. Mr. Ram Saran Koshal, M.Sc. Punjab (Physics). Physics, Class XI. Science, Class X and Mathematics, Class IX.
5. Mr. Dina Nath Bhargwa, M.A., Allahabad (English). L.T. English, Classes XI, X, IX and Geography, Class X and History, Class XI.
6. Mr. S. S. Chatterji, M.Sc., Benares (Mathematics). Mathematics, Classes XI and X.
7. Mr. Badri Narayan, M.A., Allahabad (History). History, Classes XI, X, IX and English, Class X (Resigned since January, 1924)
8. B. Govind Narain, B.A., ... History, Classes XI, X, IX and English, Class X.
9. B. Prem Behari Lal, B.A. ... English, Class IX.
10. B. Gopi Saran, C.D. ... Commerce, Classes X and IX.
11. Mr. Lakshmi Narayan Sharma. Intermediate. Geography, Class X.
12. P. D. Sheshachal Shastri, Matric-Kavathiratham. Sanskrit, Classes XI, X, IX and Hindi, Class X.
13. M. Sultan Alum, Matric. Munshi. Persian. Classes XI, X, IX and Urdu. Class X.
14. Mr. Ram Chandra Singhal. Entrance and Training in Drawing. Drawing, Classes X and IX
15. P. Nathi Mal, S.L.C. CT ... English and Geography, Class IX.

N. R. E. C. INTERMEDIATE COLLEGE, KHURJA—
(concluded)

- 16 P. Reoti Prasad Mudhara Hindi, Classes X and IX.
- 17 M. Ziaul Hasan Munshi and Urdu Classes X and advanced Urdu IX

**ALIGARH MUSLIM UNIVERSITY INTERMEDIATE
COLLEGE ALIGARH**

- 1 Abdul Majid Kureishy Esq. M.A. (All.) Principal
- 2 Mr. Syed Wali Mohammad M.A. B.T. Vice Principal
- 3 Mr. Aziz Baksh M.A.
- 4 Mr. Muhammad Abdullab Butt M.A.
- 5 Mr. Muhammad Yaqub Beg Nami, M.A. B.T.
- 6 Mr. Ghulam Sarwar M.A.
- 7 Mr. Muhammad Haziq M.A.
- 8 Mr. Muhammad Sharif M.Sc.
- 9 Mr. Sabit uddin Hyder B.A. L.T.
- 10 Mr. Muhammad Nazim Siddiqi M.A., B.T.
- 11 Mr. Asghar Ali B.A. L.T.
- 12 Mr. Wajid Ali B.A.
- 13 Mr. Shamsul Hoda B.A.
- 14 Mr. Nawazish Ali B.A. M.Sc.
- 15 Mr. S. Noorul Hasan
- 16 Mr. Kishan Lal Agarwal
- 17 Mr. Mohammad Saleh Ansari
- 18 M. Ahmad Mian Ansari
- 19 M. Badruddin
- 20 M. Mukhtar Hyder
- 21 Mr. Syed Ali Ahsan
- 22 Mr. Sharif Ahmad B.Sc.
- 23 Mr. Ahfal Husan M.A.
- 24 Mr. Ehsanul Haq B.Sc.
- 25 Mr. Abrar Hussain Qadri B.A. L.T.
- 26 Mr. Amir Ahmad Jilani M.A.
- 27 Mr. Habibur Rahman
- 28 Mr. Abdul Baq M.A.

AGRA COLLEGE.

1. T. C. Jones, Esq., B.A. Principal.
2. Ekanath Banerji, M.A., B.Sc., Mathematics.
(Allahabad), Mathematics.
3. Uhandrapuri Goswami, M.A., English.
LL.B., (Allahabad).
4. Syed Muhammad Ibn Ibrahim, M.A., (Allahabad), 1st class Arabic. Persian.
5. Krishna Lal Misra, M.A., Sanskrit.
(Allahabad)
6. Mahdi Husain, M.A., (Punjab), History.
7. P. M. Bhambhani, M.A., (Bombay), Logic
Philosophy.
8. Hari Ram, M.A., B.T., (Panjab), English
English, M.A. (Allahabad),
Philosophy.
9. Gokal Chand, M.A., LL.B., Do
(Allahabad), English, B.A.
(Hons.).
10. Nageendra Nath Mukerji, M.A., Do
(Calcutta), English, F.R.E.S.
(London).
11. Bibhuti Bhushan Sen, M.Sc., Mathematics.
(Calcutta), 1st class First,
Maths., 1st class Hons.
Maths., B.Sc
12. Chaman Lal Mital, M.Sc., Chemistry.
(Allahabad), Chemistry
13. Jang Bahadur Jha, M.Sc., Do
(Allahabad), Chemistry.
14. Sukhdeo Prasad, M.Sc., Physics.
(Allahabad) Physics.
15. Madho Lal Jaiswal, M.Sc., Do.
(Allahabad), Physics.

AGRA COLLEGE—(continued)

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|----|--|---------------------------|-----------|
| 16 | Salig Ram Sud | M.Sc. | Biology |
| | (Punjab), Botany | | |
| 17 | Nawal Kishore Singh | M.Sc. | Zoology |
| | (Allahabad) Zoology | | |
| 18 | Mrs Riley Exhibition Somerville College Oxford | B.A. | Economics |
| | (distinction) History shortened Hons Course | | |
| 19 | Moti Lal | M.Sc. (Allahabad) | Chemistry |
| | Chemistry | | |
| 20 | Praneshwar Nath | Kathju, B.Sc. (Allahabad) | Do |
| 21 | Parshottam Das | B.Sc. (Allahabad) | Do |
| 22 | Sada Behari Raizada | M.Sc. (Allahabad) | Physics |
| | Physics | | |
| 23 | Ram Swarup Singh | B.Sc. (Allahabad) | Do |
| 24 | Bishambhar Dayal | B.Sc. (Allahabad) | Do |
| 25 | Kanhayya Lal | M.Sc. (Allahabad) | Biology |
| | Zoology | | |
| 26 | Bepin Behari Gupta | M.Sc. (Allahabad) | Do |
| | Zoology | | |
| 27 | M. N. Datta | M.Sc. (Prev.) Allahabad | Do |
| 28 | Raghunandan Prasad | M.Sc. (Prev.) Allahabad | Do |

ST JOHN'S COLLEGE AGRA

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|---|----------------------------|-------------|-----------|
| 1 | The Rev Canon A. W. Davies | M.A. (Oxon) | Lit |
| | H.M. Principal | | |
| 2 | The Rev T. D. Sully | B.A. (Oxon) | Lit. Hum. |
| | Vice Principal | | |

ST. JOHN'S COLLEGE AGRA—(continued).

English.

3. The Rev. Canon A. W. Davies, M.A. (Oxon.) Lit. Hum., Professor.
4. Mr. C. Mahajan, M.A. (Bombay), English Literature „
5. Mr. W. Owens, B.A. (Sydney), M.B.E., Assistant Professor.
6. Mr. T. R. Milford, B.A. (Oxon.), Lit. Hum., 1st class „
7. Mr. C. L. H. Sumner, B.A. (Cantab.), „
8. Mr. Badri Prasad Mathur, B.A. (Allahabad), Tutor.
9. Mr. D. N. Sharma, M.A. (Prev.) Allahabad „
10. Mr. Parmeshwari Dayal, B.A. (Allahabad) „
11. Mr. G. B. Tavakley, B.A. (Allahabad) „

Logic.

12. The Rev. T. D. Sully, B.A. (Oxon.), Lit. Hum., Professor.
13. Mr. H. B. Mundle, M.A. (Calcutta), Philosophy, Assistant Professor.

Economics.

14. Mr. J. T. Goodchild, M.A. (Sheffield), Professor.
15. Mr. Uday Pratap Singh, B.A. (Allahabad), Lecturer.

History.

16. Mr. J. C. Taluqdar, M.A. (Calcutta), History, Professor.
17. Mr. T. G. John, M.A. (Madras), Assistant Professor.

Mathematics.

18. Mr. C. R. Chaturvedi, M.A. (Allahabad), Mathematics, Professor.
19. Mr. C. B. Śrivastava, M.A. (Allahabad), Mathematics, Assistant Professor.
20. Mr. Radha Raman, B.A. and M.A. (Previous), Mathematics, Tutor.
21. Mr. Benarsi Das, B.A. (Allahabad) „

ST JOHN'S COLLEGE, AGRA—(continued)

Persian and Arabic

- 22 Maulvi Ali Ahmad Khan Assistant Professor

Sanskrit

- 23 Pt. Ghanashyam Sharma Assistant Professor

Physics

- 24 Mr A C Datta M A (Calcutta), Physics & CS Professor

- 25 Mr K C Banerji, MSc Assistant Professor
(Allahabad) Physics

- 26 Mr S S Datta BSc (Calcutta), Demonstrator

27. Mr J C Banerji (part time),
formerly Science Master
at St John's School

- 28 Mr M O Varkey BSc (Allahabad) Tutor

Chemistry

- 29 Mr N M Antani, M A (Bombay) Chemistry Professor

- 30 Mr J N Sen MSc (Calcutta) Honours in Chemistry. Assistant Professor

- 31 Mr F C Banerji BSc (Allahabad) Demonstrator

- 32 Mr J. C Banerji (part time)
formerly Science Master
at St John's School

Botany

- 33 Mr F H I Martin, B A Professor
(Oxon) Science Honours

- 34 Mr N M Mukerji M A (Calcutta) Botany Assistant Professor

Zoology

- 35 Mr L P Mathur, MSc Professor
(Banares) Zoology

- 36 Mr C John M A (Madras) Assistant Professor

ST. JOHN'S COLLEGE AGRA—(concluded).

Commerce.

37. The Rev. L. Steele, F.I.A. ... Professor.
38. Mr. M. L. Shandillya, B. Com. Lecturer.
(New York), Com. Cert.
(Allahabad).
39. Mr. Rup Ram Gupta, B.A. Ditto,
Com. Cert. (Allahabad).
40. Mr. N. C. Gupta ... Instructor in Type-
writing.
41. Mr. J. T. Goodchild, M.A. Professor.
(Sheffield).
42. Mr. Uday Pratap Singh, B.A. Lecturer.
(Allahabad).
43. Mr. T. G. John, M.A. (Madras) Assistant Professor.

RADHASWAMI EDUCATIONAL INSTITUTE AGRA.

1. Mr. Narayan Das, B.A. (Principal) Logic, Classes XII and XI.
2. Mr. V. Mahaya Rao Naidu, M.A. Mathematics, Classes XII and XI.
3. Mr. Misri Lal Gupta, M.A., L.T. Mathematics, Classes XII to IX.
4. Mr. Charen Adhar, M.A., F.R.E.S. History, Classes XII to VIII, and Economics, Class XI.
5. Mr. Mahabir Prasad, B.A. ... English, Classes XII and IX, and History Class VII.
6. Mr. Sakya Sinha Sen, B.A. ... English, Classes XI and X.
7. Mr. Gur Prasad, B.A., B.T. ... English, Class VII, and Geography, Classes X to VII.
8. Mr. Dina Nath Talwar, M.Sc., A.L.L. SC. Physics, Classes XII and XI.
9. Mr. C. S. Krishnamurti, M.Sc. Biology, Classes XII and XI.
10. Mr. Ramcharan Prasad, B.Sc., L.T. Chemistry Practical, Class XI. Science, Classes X to VII.

RADHASWAMI EDUCATIONAL INSTITUTE

AGRA—(conclude)

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|----|--|---|
| 11 | Mr Jagjit Narain, M.Sc (Previous) | Chemistry, Classes XII and XI |
| 12 | Munshi Kamta Prasad Mulla, Munshi Izzat and Matric | Persian, Classes XII, XI and IX Urdu, Classes X to VIII |
| 13 | Pandit Mani Ram, Sahitya Tirtha | Sanskrit Classes V, IX and VII Hindi Classes IX and VII |
| 14 | Mr Ram Das Dhangra, B.A. S.A. | English, Classes VI and V, History, Class VI and Geography Class III |
| 15 | Mr Nam Pi r a t a J a n | Geography Class VI English Classes IV and III |
| 16 | Mr Tulja Ram, B.T.C (Honours) | English Classes VIII and VI Persian Classes VIII to VI |
| 17 | Mr Piare Lal Suloja Matric | Mathematics, Classes VIII to V |
| 18 | Mr Ram Narain Lal V a n i | Hindi Classes V and VIII Urdu Classes VII and VI Geography Classes V and IV |
| 19 | Mirza Miran Ali Qasim Govt. Government School of Arts and Crafts Lucknow | Drawing Classes X to III |
| 20 | Pandit Durga Datta | Hindi Classes VI to III Sanskrit, Class VI |
| 21 | Munshi Lala Prasad V R | Urdu Classes V to III Arithmetic, Class IV |

BAREILLY COLLEGE

- | | | |
|---|---|-------------------------------------|
| 1 | I. J. Fielden, M.A. (London) M.A. (Cambridge), First Class with distinction in Medieval and Modern Languages Tripos | Principal and Professor of English. |
|---|---|-------------------------------------|

BAREILLY COLLEGE—(concluded).

2. S. K. Mitra, B. A. (Calcutta), Vice-Principal and Honours in History, B.A., Professor of Economics, LL.B. (Cantab.), Second Class Tripos in History and in Economics and also Tripos in Law, Bar.-at-Law.
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F.A., Assistant Master General, Class VI A.
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lish General, Class
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10. Mr. Ganesh Prasad Pandey, S. I. C., C. T., Assistant Master.
11. Mr. Ram Lal Agnihotri, V. T. C., Assistant Master.
12. Mr. Ganga Narain Dwivedi, V. T. C., ditto.
13. Mr. Khadim Husain, M. F., ditto.
14. Mr. Ganga Prasad, Madhyama, ditto.
15. Mr. Baqar Ali Najafi, M. F., Language Trained, Assistant Master.
16. Mr. Tika Ram Agnihotri, Madhyama, Assistant Master.
17. Mr. Ram Datt Tewari, Drill Trained, Assistant Master.

ST. GEORGE'S COLLEGE, MUSSOORIE

1. Rev. A. J. Doyle, Principal and Correspondent.
2. Mr. Rullia Ram, M. A. ... Mathematics.
3. Rev. E. K. Phelan, B. U. I. ... Ditto.

ST GEORGE'S COLLEGE, MUSSOORIE—(concluded)

4. Rev Darcy, B. U. I. ... English.
 5. Mr. M. Hanrhan, B. A. English and History.
(Hons).
 6. Rev. S. J. Commins, B. U. I. Latin.
-

ST JOSEPH'S COLLEGE, NAINI TAL.

1. Rev. Br. Connolly, Principal History.
 2. Rev. Br. Culhane Vice-Principal. Mathematics and Latin.
 3. Rev. Br. Murphy .. English and Mathematics
 4. Rev. Br. Mockler .. Physics and Chemistry.
 5. Mr. Joshi .. Chemistry.
-

LA MARTINIÈRE COLLEGE, LUCKNOW

1. R. S. Weir, Esq., M.A., B.Sc. Mathematics and English
(Glasgow), Principal.
2. D. Kerrin Esq., M.A. English
(Aberdeen)
3. J. G. Taylor, Esq., B. Sc. Science
(Glasgow)
4. A. D. Joshi, Esq., B. Sc., L.T. Ditto
(Allahabad)
5. W. C. James, Esq., B.A. .. Mathematics
6. C. W. Longman, B.A. (Allahabad). History
7. R. C. Dutt, Esq., B.A. Mathematics
(Lucknow).

**CROSTHWAITE GIRLS' INTERMEDIATE COLLEGE,
ALLAHABAD.**

1. Miss L. W. Clarke, B.A., L.T. Lady Principal.
2. Miss Sudhulata Dutt, B.A. English, I year.
(with Honours), in Sanskrit, Sanskrit, II „
English, Philosophy, B.T., M.A. „ X Class.
in Indian Language—Pali „ I year.
Prakrit. Assamese and
Bengali, standing First
Class first from the Cal-
cutta University in 1921,
Assistant Teacher.
3. Mrs. C. A. Gardener, Training English, II year.
Diploma from Government General English, Geo-
Training College, Kurseong, graphy, X Class.
Bengali, B.A. degree from English, X „
Cornell Town, U. B. A. General English, I and
(A Class), Assistant II year.
Teacher.
4. Mrs. H. R. Madan, Allahabad History, X Class.
University, B.A. (Persian Persian, II year.
English, History—Indian History (3), IX Class.
and European), Assistant „ (3), VIII Class
Teacher. Persian, X Class.
Urdu, X Class.
5. Miss L. P. Clement, B.A. Mathematics, X Class.
(Allahabad University), „ VIII (3) „
in Economics and „ VIII „
Philosophy, Assistant Tea- „ X „
cher. „ VII „
6. Miss Sri Kuar Seth, B.A. in Mathematics VI Class.
English (University of Economics, I year.
Lucknow), Assistant Tea- General English, VII
cher. Class.
History (3), II year.
General English, IX
Class.

CROSTHWAITE GIRLS INTERMEDIATE COLLEGE.
ALLAHABAD—(concluded).

- | | |
|---|--|
| 7. Miss Rowan, B.A. (Calcutta University), with distinction in Mathematics, Botany and English, Medalist in Botany, B.T. with distinction, Assistant Teacher. | Logic, 1 year
Mathematics, IX Class.
Translation (3) VI "
Geography, IX (3) "
" VIII (3) "
Hindi (2) X Class
Geography, VIII (3) Class |
| 8. Miss Labanya Das (Calcutta University), B.A., First division, Gold Medal for sewing received from Vidyawaya High School, Mymensingh the Primary and Secondary Mary Carmichael Diploma for sewing and Gold Medal for Music awarded by the Raja of Mymensingh received through the Vidyawaya High School, Mymensingh, Assistant Teacher. | Drawing, 1 year
Training (3), IX Class.
Music special

Singing, II (3) year
" III (3) Class.
Singing, IV (3),
V (3) Class. |

ISABELLA THOBURN COLLEGE, LUCKNOW

Miss Florence L. Nichols Principal

Miss E. Z. Moore, Vice-Principal Latin Class XII.

1. Miss M. Dimmitt, B.A. English, Class XII

2. Miss I. Mason, M.Sc. Physics, Chemistry,
Classes XII, XI and IX.

3. Miss M. Wallace, M.A. Chemistry French,
Physical education,
Classes XII and X

ISABELLA THOBURN COLLEGE, LUCKNOW—'concluded).

4. Miss N. A. Bacon, M.A. ... Biology and Botany,
Classes XII, XI and X.
5. Miss G. Jivanandham, B.A. ... Mathematics, Classes
XII, X and IX.
6. Miss M. Ahmad Shah, B.A. ... Logic, English and
Bible, Classes XII,
XI, X and IX.
7. Miss O. Reddick, M.A. ... Bible, Public Speaking
and Economics,
Classes XII and XI.
8. Miss R. Manchester, M.A. ... Greek and Roman
History, Class XII.
9. Miss N. Roy, B.A. ... English, Geography,
European, English
and Indian History,
Classes XII, XI and X.
10. Miss H. McMillan, B.A., M.B. Music, Classes XII—
IX.
11. Mr. Sri Ram Srivastava, M.A. Sanskrit and Hindi,
Classes XII—X.
12. Munshi Baij Nath Figar ... Persian and Urdu,
Classes XII and X.
13. Miss G. Gideon, B.A. ... Geography, Mathema-
tics and Indian His-
tory, Classes XI—
IX.
14. Miss Weston ... Physical Education,
Classes XI—X.
15. Miss Downs, C.P.A. ... English, Class IX.
16. Miss F. Justin, M.A. ... Hygiene, Class IX.

**THEOSOPHICAL NATIONAL GIRLS SCHOOL AND
WOMEN'S COLLEGE BENARES**

- | | | |
|----|---|--|
| 1 | Mrs B Padma Bai Rao,
B A (A U) Principal | Indian History Class
X |
| 2 | Miss E M Amery, B A
(London) | English Grammar and
Essay writing Classes
X XI and XII
Mathematics Classes
IX and X. |
| 3 | Miss A Wagle B.A (A U,
Madras) | English History Class
X |
| 4 | Miss Sumati Devi Kaira, B A
(N U, Madras) | English History
Classes IX and X,
English Classes IX,
X, and XII |
| 5 | Mrs Gyan Chand, B A.
(B H U) | Indian History, Classes
IX and XI, Euro-
pean History Class
XII |
| 6 | Mr K V Prasad M A (Cal) | Logic Classes XI and
XII |
| 7 | Mr T A Bhandar ar Sabit
jacharya (Metric. A U) | Sanskrit, Translation
Class IX Sanskrit
Classes X XI and
XII |
| 8 | Pandit Rampriya Pathak
Sahityacharya | Sanskrit Class IX |
| 9 | Pandit Mahabir Tewary,
Metric | Hindi Classes IX and
X |
| 10 | Mrs Kamalabai Gharpurey
Previous (Bom U). | Geography Class IX. |
| 11 | Miss E Orr | General English. |

GOVERNMENT INTERMEDIATE COLLEGE MORADABAD

- | | | |
|----|---|--|
| 1. | Pandit H N Wanchoo M A,
B SC LT officiating
Principal | Mathematics Classes
XII and XI, English
General, Classes Aa
and b |
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GOVERNMENT INTERMEDIATE COLLEGE, MORADABAD

—(continued).

2. Babu Parmeshwar Dayal, M. SC., F.P.S.L. Physics, Classes XII and XI, and Science, Classes IX_a and b.
3. M. Bashiru. Haq Haqqi, M.A., L.T. English, Classes XI and XII, Logic, Class XI.
4. M. Iflikhar Husain, M.A., L.L.B. History, Classes XI and XII.
5. Babu Abani Kumar Sanyal, M.SC. Chemistry, Classes XI and XII, Science, Class X_a and b.
6. Babu Sita Ram, B.A., C.T. ... Mathematics, Classes VIII_b and IX.
7. Babu Ba'makund Jain, B.A., C.T. English. Class VIII.
8. Babu Raj Behari Lal, B.A., C.T. English, History and Geography, Classes IX and X, Conversation, Class III.
9. Babu Atul Behari Gupta, B.A., C.T. English History and Geography, Class X.
10. Babu G. C. Mukerji, B.A., C.T. Science, Class VIII_a, Sc. Practical, Class IX, Mathematics, Class X_B.
11. Babu Devi Singh A. Rawat, B.A., L.T. English, Class IX_a, English, Class IV, Logic, Class XII.
12. Pandit Mul Chand Sharma, B.A., L.T. Further Mathematics, Class X, Mathematics, Classes X_a, and VIII_a, English Dictation, etc., Class IX_b.

GOVERNMENT INTERMEDIATE COLLEGE MORADABAD

—(continued)

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|-----|--|---|
| 13. | Pt Prem Ballabh Joshi, B A
L T | History and Geography
Classes Xb, IXa
and VIIIa and
English Conversation
Class III |
| 14. | Qazi Ahmad Husain, B A, L T | On leave |
| 15 | M. Riasat Ali Khan B A L T | English Cl s VIIa,
History and Geo-
graphy Classes
VIIIb and VIIa
History, Cl s VI |
| 16 | Mr T. C. Roy B SC, L T | Science Cla s VIIIb
and VIIa Practical
Science Classes A,
XI and XII |
| 17. | M. Fida Husain Matric
Maulvi and Munshi Fazil | Persian and Arabic,
Classes XI and XII,
and Urdu Cl s IX |
| 18 | P Jauhri Lal, Acharya in
three parts | Sanskrit Classes XII,
XI and X Hindi,
Classes A and IXb |
| 19. | M. Abdul Ahad, Z, CT | English and Urdu,
Class VIIb and En-
glish writing, Class
III |
| 20 | P Brij Lal Sharma Entrance | English Translation,
Hindi and Arithme-
tic Class V Arithme-
tic, Class IV, and
Geography Class III |
| 21 | P Shambhu Nath, Entrance,
CT | English Class IV,
History and Geo-
graphy Class VIIb,
Urdu Class VI and
Geography Class IV, |

GOVERNMENT INTERMEDIATE COLLEGE, MORADABAD

—(continued).

22. Babu Ganga Prasad Gupta, E., Urdu, Class VIIIb,
V.T.C. Mathematics, English
and Geography,
Class VI.
23. Babu Kamta Prasad, Matric., Mathematics, Class
C.T. VIIa and b, Hindi,
Class V, and English
Translation, Class
VIIa.
24. M. Munawar Ali, Inter., C.T. Urdu Composition,
Classes X and IV,
English Composi-
tion, Class VIIIb,
English Text and
Urdu, Class V.
25. Babu Sunder Lal, Matric., C.T. English, Class III,
Science, Class VIIb,
and Nature Study,
Classes III to VII.
26. Sardar Bhagat Singh, T.S. Drawing, Classes VII
Examination in Drawing to X.
and Final class.
27. M. Miran Bakhsh, T.S. Examination. Drawing, Classes III
to VI.
28. P. Lalman Sharma, Visharad Hindi, Classes IXa,
VIII and VII,
Sanskrit, Class
VIIIa, and Hindi,
Class IV.
29. P. Gauri Shankar Misra, Sanskrit, Classes IX
Acharya in part I, Trained, and VI, Hindi,
T.C., Lucknow. Classes III, IV, VI
and VIIb.
30. M. Mushtaq Ahmad Khan, Persian, Classes X, IX
Munshi Fazil. and VIIb, Urdu,
Classes X and VIIIa,

GOVERNMENT INTERMEDIATE COLLEGE MORADABAD

—(conclude d)

- 31 . M Nabi Husain Munshi Fazil Persian Classes VI
VIIIa and VIIa
Urdu Classes III
IV and VIIa
- 32 P Tulsī Ram, Trained in Drill Drill Classes III to X

GOVERNMENT INTERMEDIATE COLLEGE, ALLAHABAD

- 1 W G P Wall Esq M Sc ?
Principal
- 2 Mr D N Pal M Sc (Allahabad) Physics Classes XII
and XI
- 3 Mr Sukhdeo Malaviya M Sc Chemistry Classes
VII VI and IX
- 4 Mr Maqsood Husain Naqvi M A (Allahabad) History and Logic,
Classes XII and XI
- 5 Mr Priya Nath Bhattacharya M A (Allahabad) English Classes VII
and VI
- 6 Mr Ramnā Kantī Sur M Sc. Mathematics Classes
VII VI and IX
- 7 Mr Lakshmi Prasad Gupta M Sc. (Allahabad) Biology Class VI
- 8 Mr Suraj Narain Mathur * B A L T (Allahabad). English Classes XII
and X and Mathe-
matics Classes V
and XI
- 9 Mr Girish Chandra Chaudhry M A L T (Allahabad) English Classes X
and IX
- 10 Mr Paul Clement † B A L T (Allahabad) Geography Classes X
and IX

* Now officiating as Head Master Government High School, Unao

† Now officiating as Lecturer Training College Allahabad.

GOVERNMENT INTERMEDIATE COLLEGE, ALLAHABAD

—(concluded).

11. Mr. Bishambhar Dutt, B.A., History, Classes X and
L.T. (Allahabad). IX and Mathematics,
Class X.
12. Mr. Durga Prasad Mushran, English, Classes X and
B.A., L.T. (Allahabad). IX.
13. Mr. Chhote Lal Khandelwal, Science, Classes X and
B.Sc., L.T. (Allahabad). IX.
14. Mr. C. F. Tressler, B.A., L.T. English, Class X.
(Allahabad).
15. Mr. K. R. C. Dongre, Inter., Drawing, Classes X
C.T. (Allahabad). and IX.
16. Mr. Khurshed Ali Manual Training,
Classes X and IX.
- [17. Pandit Raj Krishna Kaul, Sanskrit, Classes XII
Entrance. and XI, Hindi, Class
X.
18. Pandit Krishna Nand † Hindi, Class X.
19. Pandit Nand Prasad Shastri † Hindi, Class IX.
20. Pandit Durga Dutt Sharma, Sanskrit, Class IX.
4 parts of Acharya, Sans-
krit College, Benares.
21. M. Mohammad Isa, Inter., Persian, Class XII,
C. T. and Arabic, Class
XI.
22. M. Jalal-ud-din Ahmad ... Arabic, Class XII,
Persian, Class XI
and Urdu, Class X.
23. M. Abdul Hafiz, Mulla Exa- Urdu, Class IX, and
mination. Persian, Classes X
and IX.
24. M. Sirajul Haq, Mulla Fazil Arabic, Classes X and
and Alim Examinations. IX.

† Madhyama Pariksha and 3 parts of Acharya in Vyakaran.

Second Examination in Siddhant Kamudi and Kavya Sahitya of Calcutta.

GOVERNMENT INTERMEDIATE COLLEGE, ETAWAH

1. Qazi Khurshed Ahmad, M.Sc., Mathematics Classes
Principal XII and XI.
2. Mr. J. N. Banerji, M.A., O.T. English, Classes XII
and XI, Logic
Classes XII and XI.
3. „ S. K. Ghosh, M.Sc. Science, Classes XII,
XI and Xb
4. „ Onkar Nath, M.A. „ History, Classes XI,
XII and X, English,
Class XII
5. „ J. P. Mukerji, M.Sc. L.T. Mathematics, Classes
XI, XII and X
6. „ Ummad Ali, M.Sc. Science, Classes XI
and XII
7. „ Laxami Narain Varma, English, Classes X and
XI
B.A., C.T.
8. „ K. N. Joshi, B.A. L.T. English Classes X and
IX Geography,
Class IX
9. „ Saugam Lal, B.A. L.T. English Text, Class
IXb Geography,
Class Xa, English
Translation, Class
IXa
10. „ B. L. Srivastava, B.A. English Text, Class
L.T. IXa History, Class
IXa, English Trans-
lation, Class IXb
11. „ L. N. Saxena, B.Sc. Science, Class X
L.T.
12. „ N. C. Mathur, B.Sc., Science, Class IX.
L.T.
13. „ B. Bulmalund, Inter. Mathematics, Classes
C.T. IX and X.

GOVERNMENT INTERMEDIATE COLLEGE ETAWAH

—(continued).

- | | | |
|-----|--|--|
| 14. | Mr. M. Syed Muhammad
Jawad, Ent., Munshi
Fazil. | Persian, Classes XII,
XI and Urdu, Clas-
ses X and IX. |
| 15. | Pandit Kesho Dutta Shastri,
Ent., Sahitya Achar-
ya. | Sanskrit. Classes IX
and XII. |
| 16. | Pandit Man Din Tirpathi,
First year Sahitya Achar-
ya (Mathyama Pariksha
of Benares, Nadia and
Calcutta). | Hindi, Class X. |
| 17. | M. Syed Mir Hasan Abidi.
V.M. Munshi, E.L.M. | Persian, Classes X and
IX. |
| 18. | Pandit N. D. Tirpathi, Sahit-
ya Acharya (Benares)
Shastri (Punjab) Kaviraj
Tirath (Calcutta). | Hindi Classes IX and
X. |
| 19. | Pandit Krishna Ballabh
Goswami (Shastri), Ac-
harya, 1st and 4th parts. | Hindi, Class IXa. |
| 20. | Mr. R. P. Srivastava, certi-
ficate holder of Industrial
Apprentice and Drawing
class Examinations of
Thomason Civil Engineer-
ing College Roorkee. | Drawing, Classes X
and IX. |

GOVERNMENT INTERMEDIATE COLLEGE. JHANSI.

1. Mr. J. N. Banerji, M.A.,

Lal Sahney, Physics, Classes XI and
Principal. XII.

GOVERNMENT INTERMEDIATE COLLEGE JHANSI

—(concluded)

- | | | |
|----|---|--|
| 3 | M Abdul Haq Beg, M A,
Assistant Master. | English, Classes XI
and XII |
| 4 | Pandit Vibhal Jai Krishna
Kale, M A, L T | Mathematics, Classes
X, XI and XII |
| 5 | Babu Santimoy Balerji M A,
L T | History and Logic,
Classes XI and XII. |
| 6 | Babu Ramesh Chandra
Banerji, M Sc | Chemistry, Classes IX,
XI and XII |
| 7 | S. M Manzur Ali M A, L T | English General, Class
IX |
| 8 | Babu Modindra Kumar
Sanjal B A, L T | English General and
Text, Class X,
History and Geo-
graphy Class X,
History Class IX |
| 9 | S. Kazim Husain Nizvi,
B A, L T | English Text Class IX
and Vernacular
Translation, Class X. |
| 10 | Babu Sitla Charan Mukerji
B A, L T | Geography Class IX. |
| 11 | Babu Basdeo Lal B A L T | Mathematics, Class IX. |
| 12 | Babu Harnarain Lal, B Sc
L T | Science and Vernacu-
lar Translation,
Class X |
| 13 | P. Babu Shastri Bhawe | Sanskrit Classes XI
and XII |
| 14 | M Ali Ahmad | Persian Classes XI
and XII |
| 15 | Pandit Venkat Gopal Tailan, | Drawing, Classes IX
and X |
| 16 | Pandit Ram Sahai Misra | Sanskrit and Hindi,
Classes IX and X |
| 17 | M. Yusuf Ali | Persian and Urdu,
Classes IX and X. |

GOVERNMENT INTERMEDIATE COLLEGE, ETAWAH

—(concluded).

14. Mr. M. Syed Muhammad Persian, Classes XII,
Jawad, Ent., Munshi XI and Urdu, Clas-
Fazil. ses X and IX.
15. Pandit Kesho Dutta Shastri, Sanskrit, Classes IX
Ent., Sahitya Achar- and XII.
ya.
16. Pandit Mata Din Tirpathi, Hindi, Class X.
First year Sahitya Achar-
ya (Madhyama Pariksha
of Benares, Nadia and
Calcutta).
17. M. Syed Mir Hasan Abidi, Persian, Classes X and
v.m. Munshi, E.L.M. IX.
18. Pandit N. D. Tirpathi, Sahit- Hindi, Classes IX and
ya Acharya (Benares), X.
Shastri (Punjab), Kaviraj
Tirath (Calcutta).
19. Pandit Krishna Ballabh Hindi, Class IXa.
Goswami (Shastri), Ac-
harya, 1st and 4th parts.
20. Mr. R. P. Srivastava, certi- Drawing, Classes X
ficate holder of Industrial and IX.
Apprentice and Drawing
class Examinations of
Thomason Civil Engineer-
ing College, Roorkee.

GOVERNMENT INTERMEDIATE COLLEGE, JHANSI.

1. Mr. J. N. Banerji, M.A.,
Principal.
2. Pabu Chunni Lal Sahney, Physics, Classes XI and
M.Sc., Vice-Principal. XII.

GOVERNMENT INTERMEDIATE COLLEGE JHANSI

—(concluded)

- | | | |
|----|---|---|
| 3 | M Abdul Hai Beg, M A
Assistant Master | English, Classes XI
and XII |
| 4 | Pandit Vithal Jai Krishna
Kale, M A, L T | Mathematics Classes
X, XI and XII |
| 5 | Babu Santimoy Banerji M A,
L T | History and Logic,
Classes XI and XII |
| 6 | Babu Ramesh Chandra
Banerji, M Sc. | Chemistry, Classes IX,
XI and XII |
| 7 | S. M Manzur Ali M A, L T | English General, Class
IX |
| 8 | Babu Mohindra Kumar
Sanjal B A I T | English General and
Text, Class X,
History and Geo-
graphy Class X,
History, Class IX |
| 9 | S. Kazim Husain Naqvi,
B A, L T | English Text Class IX
and Vernacular
Translation Class X. |
| 10 | Babu Sitla Charan Mukerji
B A, L T | Geography Class IX. |
| 11 | Babu Basdeo Lal B A I T | Mathematics, Class IX |
| 12 | Babu Harnarain Lal, B Sc
L T | Science and Vernacu-
lar Translation,
Class X |
| 13 | P. Babu Shastri Bhaye | Sanskrit Classes XI
and XII |
| 14 | M Ali Ahmad | Persian Classes XI
and XII |
| 15 | Pandit Venkat Gopal Tailang | Drawing Classes IX
and X. |
| 16 | Pandit Ram Sahai Misra | Sanskrit and Hindi,
Classes IX and X |
| 17 | M Yusuf Ali | Persian and Urdu,
Classes IX and X. |

QUEEN'S INTERMEDIATE COLLEGE, BENARES.

1. Mr. B. Sanjiva Rao, M.A. English detailed, I year (Arts), non-detailed, I year, Arts and Science.
(Cantab.), Principal.
2. Babu Chandi Prasad, M.A. Science Physics, I year and II year.
(Allahabad), B.Sc. (Allahabad), Vice-Principal.
3. Pandit Rajeshwar Nath Kaul, M.A. (Allahabad), L.T. (Allahabad), Assistant Master. Logic, I year and II year, History, I year and II year.
4. Babu Prakash Chandra Mukerji, M.Sc. (Allahabad), Assistant Master. Science, Chemistry, I year and II year.
5. Shaikh Ali Amir, M.A. (Allahabad), L.T. (Allahabad), Assistant Master. English detailed, I year (Arts), English detailed and non-detailed, II year, Arts and Science.
6. Babu Beni Madho Singh, M.A. (Bengal), B.Sc. (Allahabad), Assistant Master. Mathematics I year and II year, General English I year, Arts and Science.
7. Pandit Visheshwar Nath Sukla, B.A. (Allahabad), Assistant Master. *On leave.* History, Class VIIIA and B, Science, Class VII, English Text, Class VIIA, and Geography, Class V.
Mr. Shiva Chandra Kapoor, B.A., L.T. Offg.
8. Mahamahopadhyaya Pandit Lakshman Sastri Tailang, Sahitacharya (Bengal), Assistant Master. Sanskrit, Classes XI, XII, IX and X.

QUEEN'S INTERMEDIATE COLLEGE, BENARES (continued)

- | | | |
|----|--|---|
| 9 | Babu Hari Das Ghosh B A
C T (Allahabad) Assistant
Master | General English Class
XA and B English
Text Classes VIIIB |
| 10 | M Muhammad Himayat-ul
Hasan B A (Allahabad)
Assistant Master | Persian Classes XI
VII and IX. |
| 11 | Babu Bhujang Bhushan Cha
terji B A (Allahabad) L T
(Allahabad) Assistant
Master | English Text Classes
XA and B and
VIIIB Translation Cla
sses VIB
and XB. |
| 12 | Babu Narain Das Banerj
B Sc (Allahabad) L T
(Allahabad) Assistant
Master | Mathematics Classes
XA and B Science
Classes X and IX |
| 13 | M Muhammad Abul Baga
B A (Allahabad) L T
(Allahabad) Assistant
Master | Geography Classes *
XA and B IXA
and B VIIIA and
B Translation
Class VIIIB |
| 14 | Babu Bindeshwari Lal B A
(Allahabad) L T (Allah
abad) Assistant Master | Mathematics Classes
XA IXA and B and
VIIIB |
| 15 | Pandit Ram Charan Pande
B A (Allahabad) L T
(Allahabad) Assistant
Master | General English Class
IXA and B History
and Geography
Class VIIA and B
and VIA and Trans
lation Class IXB. |
| 16 | Babu Chandra Bhushan Cha
terji M A (Bengal) L T
(Allahabad) Assistant
Master | History Classes XII
XA and B English
Text Class IXA
and B Translation
Class IXA |

QUEEN'S INTERMEDIATE COLLEGE BENARES—continued)

26. Babu Dharendra Nath Gan- Translation, Classes,
guly, Intermediate, C T, VIIA, VA, History,
Assistant Master Classes IXA and B,
English Text Class
VIB
27. Babu Ram Gati Lahiri, Gene Drawing, Classes III,
ral Draftsman Designer, VI VII, IX and X.
Arts Teacher of Arts school,
Calcutta, Drawing Master
28. Babu Nank Chand Fina Drawing, Classes IV,
Drawing Mastership Exa V and VIII
mination Arts school Cal
cutta Drawing Master
29. Maulvi Muhammad Isa Arabic Classes VI,
Trained at Lucknow, VII, IX, Urdu
Arabic and Persian Tea- Classes V and IX
cher
30. Pandit Damodar Das Saha Hindi, Classes III,
shudh Madhyama Vyasa IV V and VI
kyran (Bengal) Sanskrit
Teacher
31. Pandit Sita Ram Misra V T Arithmetic Class III,
C T Vernacular Teacher Hindi Classes VIII,
IX and X
32. Pandit Har Prasad Chaube, Geography, Class IVB,
V T, C T Vernacular Tea- Arithmetic Class
cher IVB, Urdu Classes
III and IV
33. Pandit Sita Ram Pande Sanskrit Classes VI,
Madhyama (Bengal) Sans VII VIII and
krit Teacher Hindi Class VII
34. M. Abubakir Muhammad Persian Classes VI,
Abdul Majid Siddiqi X, Urdu Classes
Mulla Fazil Examination VI, VIII and IX
(Allahabad) Arabic and
Persian Teacher

QUEEN'S INTERMEDIATE COLLEGE, BENARES—(concluded).

35. Shaikh Farhat Hussain Mulla Persian, Classes VII, Fazil Examination (Allahabad), Arabic and Persian Class X, Urdu, Teacher. Class VII.

GOVERNMENT INTERMEDIATE COLLEGE ALMORA.

1. J. C. Powell-Price, Esq., M.A. Essay, Class XII, (Cantab.), F. R. Hist. English Text, Class XI, Rapid Reading, Class X, English History, Class IX.
2. Pandit Durga Dat Joshi, M.Sc., Chemistry, Classes B.A. (Allahabad), Vice-Principal. XII and XI.
3. Pandit Padma Dat Pant, M.Sc. Physics, Classes XII (Allahabad), Assistant Master. and XI.
4. Babu Niranjan Lal Tayal, M.A. Mathematics, Classes (Lucknow), B.Sc. (Allahabad), Assistant Master. XII and XI.
5. Pandit Kunwar Krishna Sukhia, M.A., LL.B., C.T. English Text, Classes (Allahabad), Assistant Master. XII, XI and X, Dictation, Class X English Translation, Classes XII and XI.
6. Pandit Bhupati Prasad Bagchi, History, Classes XI M.A., LL.B. (Lucknow) B.A. (Allahabad), Assistant Master. and XI, English Unseen and Essay, Class XI and English Text, Class IX.
7. Pandit Deokinandan Upreti, English Unseen, Composition and Translation. Class X, B.A., L.T. (Allahabad), Assistant Master.

GOVERNMENT INTERMEDIATE COLLEGE, ALMORA

—(continued).

8. M Sayid Ishaq Ali, E, C T,
Fazil, Assistant Master
On deputation to Allahabad
University
- 9 Pandit Heera Ballabh Pande, B A L T (Allahabad) Assistant Master Mathematics, Class X
English Dictation,
Class IX
- 10 Pandit Govind Ballabh Pande, M A, L T (Allahabad) Assistant Master Logic Classes XII and
XI English Trans-
lation and Composi-
tion Class IX, His-
tory & Geography
Classes X and IX
11. Pandit Harish Chandra Pant, B Sc, L T (Allahabad), Assistant Master Science, Classes X and
IX, Mathematics,
Class IX, Chemis-
try Demonstrator,
Classes XII and XI
12. Pandit Bhim Dat Misra Entrance Assistant Master Vernacular Classes
X and IX
- 13 M Muhammad Noor E C T Assistant Master Vernacular (Urdu)
Class IX Persian,
Class XI
- 14 Pandit Lakshmi Narayan Vyakaran Khand Acharya (Benares) Sanskrit Teacher Sanskrit Classes X
and IX
- 15 Pandit Manorath Pande Jyotiracharya (Benares) Kavyatirtha (Calcutta) Matrie. (Allahabad) Assistant Master Sanskrit Classes XII
and XI and Verna-
cular (Hindi),
Class
- 16 M Nazir Ahmad Munshi Alim Examination (Punjab) Persian Teacher Persian Classes XI
and IX

GOVERNMENT INTERMEDIATE COLLEGE, ALMORA

—(concluded)—

17. Pandit Ghananand Bhatta. Drawing, Classes
 Matric. (Allahabad), C.T.. and IX.
 Drawing Master.

GOVERNMENT JUBILEE INTERMEDIATE COLLEGE,
LUCKNOW.

1. Mr. Manohar Lal Zutshi M.A., ...
 I.E.S., Principal.
2. Mr. Anil Nath Ghosh, M.Sc., Theory and Practice
 Vice-Principal. Chemistry, Classes
 XI and XII.
3. Mr. B. L. Agarwala. M.A., C.T., European History,
 LL.B., Assistant Master. Classes XI and XII,
 General English,
 class XI, English
 Text, Class X.
4. Mr. Khawaja Athar Husain, English and Logic,
 M.A., Assistant Master. Classes XI and XII.
5. Mr. Sachidanand Mitter, M.Sc., Mathematics, Classes
 Assistant Master. XII, XI, IX A.
6. Mr. Radha Krishna Wahal, Theory and Practice
 M.Sc., Assistant Master. Physics, Classes XI
 and XII, Practical
 Science, Class IX.
7. Mr. Jagmohan Narain Chau- Practice Physics and
 dhry, M.A., B.Sc., L.T., Chemistry, Classes
 Assistant Master. XI and XII.
8. Mr. Prabhash Chandra Gupta, General English and
 B.A., L.T., Assistant Master. Text, Class XB,
 History, classes X
 and IX.
9. Mr. Shabihul Hasab, B.A., C.T., Urdu Translation and
 Assistant Master. Composition, Class
 IX and English,
 Class IXA.

**GOVERNMENT JUBILEE INTERMEDIATE COLLEGE
LUCKNOW—(cont. and).**

- | | | |
|----|---|---|
| 10 | Mr Prabhat Kumar Mitter,
B.A., L.T., Assistant Master | Mathematics Class
XA General Eng-
lish, Class XA Eng-
lish Text, Classes
XA and IXA |
| 11 | Mr Pinhu Gopal Banerji
B.Sc., L.T., Assistant Mas-
ter | Mathematics Class
XB Science, Classes
X and IX. |
| 12 | Mr Moïn ud din Quraishi, B.A.,
L.T., Assistant Master | Geography Classes
X and IX |
| 13 | Mr. Iachmi Narain Dhaon
Int. CT Assistant Master | Urdu Translation and
Composition Clas-
ses XA and B |
| 14 | Mr C P Awasthi B.A., CT
Assistant Master | Hindi Text and Gram-
mar and Composi-
tion Classes X and
IX |
| 15 | Mr Latch Pahadur Matricu-
lation and School Leaving
Certificate passed Special
Drawing Course, School of
Arts Bombay, Drawing
Master | Drawing Classes X,
IX |
| 16 | Mr Ahmad Hussain, Mulla
Examin Maulvi Alim and
Munshi Iazil Examin,
Honours in Persian and
Additional Examin. in Eng-
lish, Assistant Master | Arabic Class X,
Persian Classes XI
and XII |
| 17 | Mr Ali Ahmad Mulla and
Munshi Examin of the
Punjab Mulla of Allah-
abad and trained as a
Language Teacher at
Training College Lucknow
Persian Teacher | Arabic Classes XII,
XI and Persian
Class X, Urdu,
Class XA |

**GOVERNMENT JUBILEE INTERMEDIATE COLLEGE
LUCKNOW—(concludes).**

(Transferred to Jhansi as Assistant Master, Munshi Azmatullah has taken his place from Government High School, Cawnpore).

- | | | |
|-----|---|--|
| 18. | Mr. Akhtar Ali, Matric., in English Language. (Punjab), Munshi Fazil and Maulvi Fazil, (Punjab), Arabic Teacher. | Arabic, Class IX, Urdu Text, Classes XB and IXB. |
| 19. | Mr. Saiyid Saqib Husain, Mulla and Mulla Fazil, (Allahabad), Arabic Teacher. | Persian, Class IX, Urdu, Class IXA. |
| 20. | Mr. Ram Datt Awasthi, Shastri of the Punjab, Kavya Tirtha (Calcutta), Uttam, (Benares), Upadhyaya in Dharam Shastra with English (of Bihar and Orissa), Trained as a Language Teacher at Training College, Lucknow, Assistant Master. | Sanskrit, Classes XI and XII, X. |
| 21. | Mr. Mahabir Acharya ... | Sanskrit, Class IX. |
| 22. | Mr. Saiyid Niaz Ahmad Jafri, Matriculation, Commercial. Normal Trained, Teacher of Commerce. | Commerce, Classes IX and X. |

GOVERNMENT INTERMEDIATE COLLEGE, FYZABAD

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|----|--|---|
| 1 | Babu Kishan Chand B.A., sc. (Punjab), Principal. | English Grammar, Classes XIIA and B, XIA and B. |
| 2. | M. Faiz Bakhsh, M.A. (Allahabad), LL.B. (Allahabad), Vice-Principal. | Mathematics, Classes XB, XIA and B, XIIA and B. |

GOVERNMENT INTERMEDIATE COLLEGE, FYZABAD

—(continued)

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|----|---|---|
| 3 | Pandit Harish Chandra Misra,
M A (Allahabad) Assistant Master | History Classes XIA,
XIIA |
| 4 | Pandit Suraj Narain Kichla
M A (Allahabad) LLB (Allahabad) Assistant Master | English Classes XIIA
and B, XIB |
| 5 | Babu Bhabesh Chandra Banerji M Sc (Allahabad) | Chemistry Classes XIB XIIIB |
| 6 | Pandit Shyama Charan Misra M Sc (Allahabad) L T (Allahabad) Assistant Master. | Physics Classes XIB, XIIIB Mathematics, Class X B |
| 7 | M Ehtisham Ali, M Sc (Allahabad), Assistant Master | Biology Classes XIB, XIIIB |
| 8 | Babu Upendra Chandra Dutt M A (Benares) L T (Benares) Assistant Master | English, Class XIA, Logic, Classes XIA, XIIA |
| 9 | Pandit Jai Ram Awasthi, Shastri (Punjab) Madhyama (Benares), Trained (Lucknow) Assistant Master | Sanskrit Classes XIA, XIIA |
| 10 | M Hafiz AbJullah Fazil (Allahabad) Trained (Lucknow), Assistant Master | Persian, Classes XIA, XIIA |
| 11 | Babu Narain Chandra Bhat tacharya (on furlough) M A (Calcutta) Assistant Master | English, Class XA, Mathematics Classes XIA XA |
| 12 | Babu Lisheshwar Dyal M A (Allahabad), CT (Allahabad) Assistant Master | English Class X B |

GOVERNMENT INTERMEDIATE COLLEGE, FYZABAD

—(continued).

13. Babu Panchanan Chatterji, History, Classes; XA,
B.A. (Allahabad), L.T. and IXA, Transla-
(Allahabad), Assistant tion and Composi-
Master. tion, Class XA.
14. Pandit Shankar Dat Malavi- English, Class IXB,
ya, B.A. (Allahabad), L.T. History and Geog-
(Allahabad), Assistant raphy, Classes XB,
Master. IXB.
15. Babu Maharaj Bahadur, M.A. English, Class IXA.
(Allahabad), L.T. (Allah-
bad), Assistant Master.
16. Babu Umapati Mukerji, B sc. Mathenatics, Class
(Calcutta), L.T. (Allah- IXA, Science, Classes
abad), Assistant Master. IXA, B, XA, B, De-
monstration, Classes
XIB, XIIB.
17. Babu Ram Chandra Singh Demonstration, Biolo-
Bhatia, B. sc. (Allahabad), gy and Chemistry,
L.T. (Allahabad). Classes XIB, XIIB.
18. Babu Nalini Mohan Banerji, Drawing, Classes IXA,
school of Arts and Crafts, B, XA, B.
Lucknow, Drawing Master.
19. M. Abdul' Ali, Fazil Persian, Class IXA, B.
(Cawnpore), Persian Tea- Urdu, Class IXA,
cher. B.
20. M. Zabid Husain, Fazil Persian, Class XA, B.
(Allahabad), Trained
(Lucknow), Persian Teacher.
21. S. M. Liqa Ali Naqvi Kazmi, Arabic, Classes XIIB,
Metric. (Allahabad), Fazil XIA, Urdu, Classes
(Allahabad), Muashu (Pun- XA, B.
jab), H. P. (Punjab),
Persian Teacher.

GOVERNMENT INTERMEDIATE COLLEGE FYZABAD

—(concluded)

- 22 Pandit Jokhan Ram Misra Sanskrit, Classes {XA,
(on furlough), Acharya 1 B
part in Vyakaran (Bena
res) Sanskrit Teacher
- 23 Pandit Mahadeo Sharma Hindi Class s IXA B,
Acharya 4 parts in Sahitya XA B, Sanskrit
(Benares) Sanskrit Teacher Classes IXA, B

SANATAN DHARAM COLLEGE OF COMMERCE
CAWNPORE

- 1 S P Bhargava Esq MA Acting Principal and
(Economics) LL B (Alla Professor of Econo-
habad) FRS mics
- 2 B N Chopra Esq FRES Professor of Account-
FAA (London) ing
- 3 Kali Shankar Bhatnagar Esq Professor of History
MA (History) LL B (Allah and Geography
abad) LCP (London)
- 4 Pratam Singh Esq MA Professor of English
(Punjab and Calcutta) and Economics
- 5 L Shyam Lal MA LLB Honorary Professor of
MRS Valil High Law
Court
- 6 K L Govil Esq B Com Lecturer in Business
FOI Methods and Short
band
- 7 G S Sharma Esq, B Con Lecturer in Book
FCICT keeping and Type-
writing
- 3 R K Dubey Esq Commercial
Diploma
R N Dubey, Esq, Commer
cial Diploma
S S Srivastava, Esq Com
mercial Diploma

Type writing instruc-
tor* (part time)

GOVERNMENT COLLEGE, AJMER.

1. Mr. A. Miller, M.A. (St. Andrews), Principal. English, Intermediate, I and II year.
2. Mr. Hari Prasad, B.A. (Punjab), B.Sc., Manchester (Chemistry), F.C.S., London, M.S. C.I., Vice-Principal. Chemistry, Intermediate, I and II year.
3. Mr. Bishamber Prasad, B.A. (Allahabad), Mathematics, F.I.M.S., 1st Professor. Mathematics, Intermediate, I and II year.
4. Mr. Lalji Srivastava, M.Sc. (Allahabad), Physics, F.P.S. (London), F.C.M.S., Calcutta, 2nd Professor. Physics, Intermediate, I and II year.
5. Mr. K. S. Mankar, M.A. (Oxon.), 3rd Professor. Logic, Intermediate, I and II year.
6. Mr. P. B. Joshi, M.A. (Allahabad), History, B.Sc. (Allahabad) 4th Professor. History, Intermediate, I and II year.
7. Mr. Bhava Datta, Shastri (Punjab), Honours Sanskrit Language, Literature and Law (Diploma), 5th Professor. Sanskrit, Intermediate, I and II year.
8. Mr. Hamidullah Khan, Molvi Fazil and Munshi Fazil, Arabic and (Honours), Arabic and Persian Literature and Law (Diploma) and Matric. (Punjab), 6th Professor. Persian, Intermediate, I and II year.
9. Mr. P. N. Joshua, M.A., LL.B. (Allahabad) and B.A. (Punjab), 7th Professor. English, Intermediate, I and II year.

GOVERNMENT COLLEGE, AJMER—(concluded).

10. Mr. Shri Narayan, B. sc. Chemistry, Intermediate, I and II year.
(Allahabad), Senior Demonstrator
11. M. Raj Kishore, B sc Physics, Intermediate, I and II year.
(Allahabad), M sc (Benares Hindu University),
L.T. (Allahabad), Junior Demonstrator

MAHARAJA'S INTERMEDIATE COLLEGE JAIPUR
(RAJPUTANA).

1. Pandit Vithal Vaman Tam hankar, M.A., Principal Logic Classes XI and XII
2. Munshi Govind Prasad Srivastava, B.A., Professor of English ditto
3. Mohammad Hamid ud-din Khan, M.A., Professor of History, ditto.
4. Munshi Pyare Lal Mathur, M.A., 'nsc, Professor of Mathematics and Physics. Mathematics and Physics, Classes XI and XII
5. Mr. Budhsen Agarwal, M.A., Professor of Economics Economics, Classes XI and XII
6. Babu Nalini Nath Roy, M.A., Professor of Chemistry Chemistry, Classes XI and XII.
7. Maulvi Syed Altaf Husain, Munshi Fazil and Maulvi Alim (Punjab University) Professor of Persian and Arabic. Persian and Arabic, Classes XI and XII.
8. Pandit Madan Lal Acharya (Jaipur Sanskrit Title Examination) and Shastri (Punjab University), Professor of Sanskrit. Sanskrit, Classes XI and XII.

MAHARAJA'S INTERMEDIATE COLLEGE, UDAIPUR.
(RAJPUTANA).

1. Kanhaiyalal Varma, Esq., M.A. (Allahabad), English, Principal.
2. Satish Chandra Bose, Esq., M.Sc. (Calcutta), Mathematics, Professor of Mathematics.
3. Taj Khan, Esq., M.Sc. (Punjab), Applied Mathematics, Professor of Physics.
4. Bhagwan Das Bhatta, Esq., M.Sc. (Punjab), F.C.S., Chemistry, Professor of Chemistry.
5. Hari Pada Banerji, Esq., M.A., L.T. (Allahabad), History, Professor of History and Logic.
6. Hem Raj, Esq., M.A. (Allahabad), History, Professor of English.
7. Pandit Ram Sunder Vishen Shastri (Punjab), Vyakarana Acharaya (Benares), Professor of Sanskrit.
8. M. Nazim-ud-din, B.A., LL.B. (Allahabad), Persian and Economics, Professor of Persian.
9. Harishankar Dashora, Esq., B.A. (Allahabad), Assistant Professor.
10. Shishir Kumar Mukerji, Esq., B.Sc. (Benares), Demonstrator.

JASWANT COLLEGE, JODHPUR (RAJPUTANA).

1. Pandit Suraj Prakash, M.A. Science, II year class, (Allahabad), Chemistry, Principal.
2. K. Rambhatji, Esq., B.A. (Madras), English, Sanskrit and Economics, Senior Professor of English. English, I and II year classes.
3. P. P. Shahani, Esq., M.A. (Bombay), Philosophy, Professor of Logic and Philosophy. Logic, I and II year classes.

JASWANT COLLEGE JODHPUR (RAJPUTANA)

—(concluded)—

- | | | |
|---|--|--------------------------------------|
| 4 | Kanhaiya Lal Esq M A (Allahabad) Mathematics
Professor of Mathematics | Mathematics I and II
year classes |
| 5 | Wadhu Mal Esq M A (Bombay) History and Political Economy, Professor of History and Political Economy | History I and II year
classes |
| 6 | S B Tatke Esq M A (Allahabad) Sanskrit Professor of Sanskrit | Sanskrit I and II
year Classes. |
| 7 | Maulvi Muzaffar Ali Shah Professor of Persian | Persian I and II year
classes |
| 8 | Narain Prasad Esq B Sc (Allahabad) Assistant Professor of Science | Science I year class |

VICTORIA COLLEGE LASHKAR (GWALIOR)

- | | | |
|---|--|--|
| 1 | H F Manley, Esq M A,
(Cantab) with Honours in
Philosophy and Economics
Principal. | |
| 2 | Gopal Hari Kunte Esq
B Sc. (Allahabad) | Special English and
Logic I and II
year |
| 3 | Gajanan Ramchandra Deo
Esq B Sc (Allahabad) | Mathematics and
General English I
and II year |
| 4 | Asoka Nath Roy Chaudhari
Esq M A (Calcutta) | History (Ancient and
Modern) and General
English I and II
year Economics,
I year |

VICTORIA COLLEGE, LASHKAR (GWALIOR)—(concluded).

5. Pandit Somnath Shastri Sanskrit; I and II
Vadiker. year.
6. Mohammad Ahsan Ullah Arabic and Persian;
Khan Saquib. I and II year.
7. Bapu Sadashiva Bhagwat, Physics; I and II
Esq., B. Sc. (Allahabad). year.
8. Govind Narsingh Manke, Esq., Chemistry, I and II
B.A. (Allahabad). year.
9. Balkrishnapati L. Vajpayee Economics, I year.
Bhimpure, Esq., M.A.
(Econ.), LL.B. (Allahabad).
10. Vinayak Raghunath Manke, Laboratory Assistant
Esq. in Physics, I and II
year.
11. Mbalsakant Narayan Majum- Laboratory Assistant
dar, Esq. in Chemistry.
12. Devi Prasad, Esq., (Interme- Demonstrator in Eco-
diate, Allahabad). nomics and Libra-
rian, I and II year.
13. Bhai Baxish Singh ... Gymnastic Instructor.

INDORE CHRISTIAN COLLEGE, INDORE, C. I.

1. Rev. R. A. King, M.A., D.D.,
Principal.
2. Rev. A. A. Scott, M.A., B.D., Logic.
Professor.
3. Mr. I. W. Johery, M.A., Professor History.
4. Mr. Bhattacharya, M.A., Do. Mathematics.
5. Mr. B. B. Singh, B.A., Do. English.
6. Mr. C. P. Shastri, M.A., Do. Sanskrit.

INDORE CHRISTIAN COLLEGE, INDORE, C. I.—(concluded)

7. Mr. R N. Langar, B.A., Lec- Economics.
turer.
8. Mr. A. K. Mitter, B.A., Lec- History.
turer.
9. Mr. M L. Watson, Secretary ...
10. Mr. Victor Wesley, Librarian ...

HOLKAR COLLEGE, INDORE, C. I

1. Dr V. A. Sukhtankar, Ph. D. English,
(Bonn, Germany), Principal.
2. Chas. A. Dobson, Esq., B.A., Ditto.
Medalist, (Allahabad), Pro-
fessor of English.
3. Praphullachandra Basu, Esq., Economics.
Ph. D. (Cal.), M A. (Cal.),
Professor of Economics
and History.
- 4 S D Ghate, Esq., B A (Bom- Sanskrit.
bay), Professor of Sanskrit.
5. Syed Saghir Ali, M.A (Allah- Persian, Hindi and
abad) Professor of Persian. Urdu Translation
and History.
6. V. B. Shrikhande, Esq., M. A Logic and Marathi
(Bombay), Professor of Translation.
Logic
7. Dr S. S. Deshapande, M.Sc. Chemistry.
(Allahabad), Ph. D. (Lon-
don), Associate of the Insti-
tute of Chemistry, Associate
of the Royal College of
Science, Professor of Che-
mistry
8. N. Padmanabhan Shastri, Esq., Physics.
M A (Madras), Professor of
Physics.

HOLKAR COLLEGE, INDORE, C. I.—(continued).

9. Sailendra Nath Dhar, Esq., English
M.A. (Cal.) (First class History.
second, Medalist and Prize-
man), Professor of History.
10. V. G. Gole, Esq., M.A. (Al- Mathematics and
lahabad), Assistant Pro- Marathi Transla-
fessor of Mathematics. tion.
11. W. G. Urdhwareshe, Esq., M.A. Sanskrit and Marathi
(Allahabad), M.B.A.S., Kavya- Translation.
tirtha, (Cal.), Fellow of
Sanskrit.
12. M. D. Gharpure, Esq., B.Sc. Assistant to the Pro-
(Allahabad), Demonstrator fessor of Chemistry
(Chemistry). in Practical work.
13. Y. R. Shintre, Esq., B.Sc. Assistant to the Pro-
(Allahabad), Demonstrator fessor of Physics
(Physics). in Practical work.

APPENDIX E

List of candidates who have passed the Intermediate
Examination of 1924

Roll no.	Name of candidate	Name of College	Passed in division
7	Avadh Narain Avasthi	Agra College	II
8	Badri Prasad Gupta	Ditto	III
9	Basant Kishore Bhargava	Ditto	III
10	Bikram Singh	Ditto	III
11	Brindaban Dass	Ditto	III
12	Chhedi Lal Agarwal	Ditto	III
17	Harihar Nath Gargh	Ditto	III
18	Harish Chandra Chatur vedi	Ditto	III
19	Hakam Singh	Ditto	III
20	Jagdish Prasad Dube	Ditto	III
22	Jagannath Prasad Sarbhai	Ditto	III
23	Jai Jai Ram Sharma	Ditto	III
27	Kailash Nath Aga	Ditto	III
30	Krishna Prasad Sarbhai	Ditto	III
32	Munna Lal	Ditto	III
40	Nemichand Jain Bakliwal	Ditto	III
43	Pyare Lal Govil	Ditto	III
44	Radha Charan Saksena	Ditto	III
45	Radhey Shyam Mital	Ditto	III
46	Radhey Shyam Dwivedi	Ditto	III
52	Ram Saran Shukla	Ditto	III
53	Rameshwar Prasad Bhar gava	Ditto	III
55	Saiyid Ali Fazail	Ditto	III
57	Shyam Sundar Misra	Ditto	III
58	Tara Chandra Jain	Ditto	II
60	Vishva Nath Chaturvedi	Ditto	II
62	Abdur Rahman Khan	Ditto	II
63	Abhaya Prakash	Ditto	II
65	Aishwarya Chandra	Ditto	II

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of College.</i>	<i>Passed in division.</i>
66	Aditya Narayan Chaube...	Agra College	II
69	Avadh Behari Lal Mathur	Ditto	III
70	Avadh Behari Saran	Ditto	II
74	Baij Nath Prasad Saingal	Ditto	II
75	Bal Kirshna Das Tandon...	Ditto	II
79	Basant Singh Gill	Ditto	III
82	Bhagwat Saran Bhatnagar	Ditto	III
84	Bhaktish Prasad Mathur...	Ditto	III
85	Bishan Dayal	Ditto	III
87	Brahma Singh	Ditto	II
90	Brij Mohan Johri	Ditto	III
93	Brij Swarup	Ditto	II
95	Chaturbhuj Narain Agrawal.	Ditto	II
96	Damodar Lal Bajore	Ditto	III
98	Daulat Ram Jain	Ditto	I
100	Devanand Gairola	Ditto	II
102	Din Dayal Gangal	Ditto	II
103	Din Dayal Gupta	Ditto	III
104	Durga Prasad Mathur	Ditto	I
106	Gaj Raj Kishore	Ditto	III
107	Gaj Raj Singh	Ditto	III
108	Gopal Narain Khanna	Ditto	III
109	Gopal Raj Swarup	Ditto	II
111	Gobind Ram Gupta	Ditto	III
114	Har Pal Singh	Ditto	III
116	Hari Mohan Lal Bhatnagar.	Ditto	II
117	Harnam Singh, Ahluwalia	Ditto	I
120	Jagmohan Saran	Ditto	III
121	Jagan Nath Bhargava	Ditto	III
122	Jagan Prasad Rawat	Ditto	III
124	Jai Krishna Das Gujrati...	Ditto	III
125	Jaswant Singh Bhal	Ditto	III

<i>Roll no.</i>	<i>Names of candidates</i>	<i>Names of Colleges</i>	<i>Passed in division</i>
128	Karlash Nath Bhargava	Agra College	III
129	Kanhaiya Lal	Ditto	II
130	Kanhaiya Lal Sharma	Ditto	II
131	Aidar Nath Bhatnagar	Ditto	II
132	Kharak Singh Jagatpuri	Ditto	II
133	Khater dra Nath Banerji	Ditto	III
136	Krishna Kumar Singh	Ditto	III
139	Krishna Swarup Saksena	Ditto	III
144	Mangal Sen	Ditto	II
145	Mathra Prasad Sharma	Ditto	III
146	Mathura Prasad Mital	Ditto	III
149	Narendra Mohan Saksena	Ditto	III
150	Naresh Chandra Surana	Ditto	III
151	Nasihat Ali Khan	Ditto	II
153	Netai Chand Mukharji	Ditto	II
155	Parneswar Saran Gupta	Ditto	II
157	Pershotam Das Agarwal	Ditto	II
158	Prakash Chandra Gupta	Ditto	II
159	Pyare Lal Sharma	Ditto	II
160	Radha Mohan Bhatia	Ditto	III
161	Radhev Shyam	Ditto	II
162	Raghubar Dayal Chaturvedi	Ditto	III
163	Raghubir Saran Das	Ditto	III
164	Raghunath Sahai	Ditto	III
165	Raja Labu Kothari	Ditto	II
167	Rajmal Kasliwal	Ditto	II
168	Ram Chandra Singh	Ditto	II
169	Ram Chetan Lal Upadhyaya	Ditto	III
171	Ram Dayal Hira Lal Khandelwal	Ditto	III
172	Rajendra Chandra Bhar- gava	Ditto	III
174	Rajwari Prasad Mathur	Ditto	II

Roll no.	Name of candidate.	Name of College.	Passed in division.
177	Rameshwar Dayal Gupta...	Agra College ...	III
180	Ratan Lal Dixit ...	Ditto ...	II
181	Sachchida Nand ...	Ditto ...	III
182	Sardar Singh Gupta ...	Ditto ...	II
185	Shiva Charan Saraswat ...	Ditto ...	II
186	Shiv Charan Lal Agni-hotri.	Ditto ...	III
189	Shri Bhushan Gupta ...	Ditto ...	II
191	Shri Chand Singhal ...	Ditto ...	III
193	Shri Ram Gupta ...	Ditto ...	III
195	Shiam Lal Mital ...	Ditto ...	III
196	Shyam Narain Mathur ...	Ditto ...	III
197	Shiam Sunder Lal ...	Ditto ...	II
198	Sita Ram Chaturvedi ...	Ditto ...	III
199	Sita Ram Saksena ...	Ditto ...	III
200	Sobhagmal ...	Ditto ...	II
202	Sureshwar Nath Misra ...	Ditto ...	II
203	Syed Muzaffer Ali ...	Ditto ...	II
204	Tej Raj Swarup ...	Ditto ...	II
205	Tribhuvan Nath Chaturvedi.	Ditto ...	III
206	Wahaj-ud-din Ahmad Mirza.	Ditto ...	II
208	Ahmad Uddin Ahmad ...	St. John's College, Agra.	III
212	Girwar Dhari Lal Gupta	Ditto ...	III
213	Kr. Prathu Vir Vikram Singh.	Ditto ...	III
214	Masud Ahmad ...	Ditto ...	III
215	Mirza Jarrar Hasan Qizilbash.	Ditto ...	III
218	Rama Kant Sharma ...	Ditto ...	III
219	Ram Chandra Sharma ...	Ditto ..	III
220	Ram Saran Chand ...	Ditto ...	II

<i>Roll no</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in division</i>
221	Suresh Chandra Taluqdar	St. John's College Agra	III
223	Saiyid Abdur Rashid	.. Ditto	III
226	Syed Maqbul Husain	Ditto	III
227	Victor Ivan Bobb	Ditto	III
229	Abdul Razzaq Faruqi	Ditto	II
232	Akhtar Husain Siddiqi	Ditto ..	II
233	Amba Prasad Mathur	Ditto ..	III
239	Chuttan Lal Kapur	Ditto .	III
240	Deo Raj Suda	Ditto	III
245	Gokal Chandra Chaturvedi	Ditto	III
247	Gyan Saran Kapur	... Ditto ..	III
253	Karan Singh Raizada	Ditto ..	III
256	Kishori Lal	Ditto	III
260	Madho Singh	Ditto	II
264	Mitra Nand Sharma	... Ditto .	II
266	Mohamed Farook	.. Ditto ...	II
270	Om Prakash	Ditto	II
273	Rowland Patric Cornelius	Ditto	II
274	Sabal Singh	Ditto .	II
278	Sitingshu Nath Chatoopa dhyay	Ditto ..	II
279	Shaikh Abdul Mannan	Ditto ..	III
280	Shamoon Ahmad	Ditto .	II
282	Shyam Sunder Agarwal	Ditto ...	III
285	Vikram Singh Varma	Ditto	III
287	bbakt Kishor	Ra lhaswami Edu cational Insti tute, Agra	III
288	Chanda Lal Saksena	Ditto	III
289	Kamta Prasad	Ditto	II
290	Magan Bihari	Ditto	II
292	Agam Prasad Mathur	Ditto	II
295	Brahma Swarup Mathur	Ditto .	II

Roll no.	Name of candidate.	Name of college.	Passed in division.
293	Gur Saran Das	... Radhaswami Edu- cational Insti- tute, Agra.	I
301	Kanti Chandra Mathur	... Ditto ...	III
302	Kunwar Bahadur Pradhan	... Ditto ...	III
303	Mangal Deva Gupta	... Ditto ...	II
304	Manohar Lal Kher	... Ditto ...	II
306	Pradyumna Kumar Srivas- tava.	... Ditto ...	II
307	Prem Chand	... Ditto ...	II
308	Prem Pyara	... Ditto ...	III
310	Ranga Rao Naidu	... Ditto ...	III
311	Satan Das	... Ditto ...	II
313	Swami Prasad Nigam	... Ditto ...	III
314	Bias Ratchordas	... Jaswant College, Jodhpur.	III
316	Devi Singh Tak	... Ditto ...	III
317	Ganga Ram Prohit	... Ditto ...	II
322	Muni Lal Vyas	... Ditto ...	III
325	Narain Prasad Mathur	... Ditto ...	III
326	Narain Prasad Dave	... Ditto ...	III
327	Pandit Jai Nath Kunzru	... Ditto ...	II
330	Suraj Raj Byas	... Ditto ...	III
331	Tej Bux Surana	... Ditto ...	II
332	Tikam Das Purohit	... Ditto ...	III
333	Wahid-ullah Khan	... Ditto ...	III
336	Badri Dass L. Agarwala	... Ditto ...	II
337	Baikunth Nath Ray	... Ditto ...	III
339	Gehra Lal K. Mathur	... Ditto ...	III
341	Umanath S. Mannige	... Ditto ...	II
342	Utsava Lal Agarwala	... Ditto ...	II
343	Vasant Krishna Heble	... Ditto ...	II
345	Amar Nath Baijal	... Ewing Christian College, Allah- abad.	III

Roll no	Name of candidate	Name of college	Passed in division.
347	Ashiq Ali ...	... Ewing Christian College, Allahabad.	III
348	Baldeo Prasad Pande	Ditto	III
349	Benarsi Prasad Gupta ..	Ditto ...	III
350	Benoytosh Kumar Banerji	Ditto ...	III
351	Bhagwati Prasad Srivastava	Ditto ..	III
352	Binoy Kumar Mukherji	Ditto	II
353	Bishun Dayal Srivastava	Ditto ..	III
356	Emmanuel Wilson	Ditto ..	III
357	Eric John Benjamin	Ditto	II
358	Fardun Jehangirji Ghandhy.	Ditto .	II
363	Kalika Prasad .	Ditto	II
364	Kamta Prasad .	Ditto ..	III
369	Justus Mannasseh	Ditto ...	III
370	Md Sharafat Husain ..	Ditto ...	III
371	Madho Prasad Pande ...	Ditto ...	III
372	Mahadeo Prasad Verma ...	Ditto ..	III
373	Mahomed Salem Ullah ...	Ditto ...	III
374	Mani Karnika Prasad Singh	Ditto ...	III
376	Muhammad Majidullah Khan,	Ditto .	II
377	Radha Mohan	Ditto ..	I
379	Rajeshwar Narayana Sinha	Ditto ..	III
380	Ram Chandra Kashi Nath Bhatwadekar.	Ditto .	III
381	Rama Yash Singh	Ditto ..	III
382	Ram Shankar Singh	Ditto ...	III
383	Saiyid Hasan ...	Ditto ..	II
384	Saiyid Muhammad Ibrahim	Ditto ...	III

<i>Poll no</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
385	Sarju Prasad Pande	... Ewing Christian College, Allahabad.	III
386	Seetanath Jha	... Ditto	III
387	Shambhu Nath Shukla	... Ditto	II
389	Sherley Wybrandts George Olpherts Forrester.	... Ditto	II
390	Shubhrendu Bhushan Banerji.	... Ditto	I
391	Shyam Kishore Malaviya	... Ditto	II
393	Syed Muhammad Siddiq Hasany.	... Ditto	III
394	Vishwa Nath Prasad	... Ditto	III
395	Vishwa Nath Sapru	... Ditto	III
397	Abdul Hai	... Ditto	III
398	Abdus Samad	... Ditto	III
399	Albert Sheridan Lyall	... Ditto	II
401	Atul Chandra Mukerji	... Ditto	I
404	Bhakt Ratan...	... Ditto	III
405	Bhola Nath Roy	... Ditto	II
407	Bhupendra Nath Sanjal	... Ditto	II
408	Bihari Lal Khanna	... Ditto	III
409	Chintamani Sadashiva Apte.	... Ditto	III
410	Daya Swarup	... Ditto	II
411	Donald Samuel Abel	... Ditto	III
412	Durga Das Chatterji	... Ditto	II
414	Gajanan Pande	... Ditto	II
415	Ganesh Chandra Joshi	... Ditto	III
417	Ghana Nand Pande	... Ditto	III
418	Gopi Krishen Handoo	... Ditto	III
419	Govind Prasad	... Ditto	III
422	Har Narayan Srivastava	... Ditto	III
423	Har Prasad	... Ditto	III
425	Hari Sadhan Ghosh	... Ditto	III

Roll no	Name of candidate	Name of college	Passed in division
426	Brishu Kesh Mukerjee	Ewing Christian College, Allahabad	III
430	Jai Kishen Kichlu	Ditto	III
432	Jana-dan Prasad Joshi	Ditto	III
440	Keshava Deva Malviya	Ditto	III
441	Khushi Ram	Ditto	II
443	Manmohan Lal Gupta	Ditto	III
449	Mohit Mohan Mohanty	Ditto	II
451	Mothuresh Chandra Mukerji.	Ditto	III
452	Mrityunjay Sanyal	Ditto	III
453	Muhammad Azhar Nomani	Ditto	II
454	Nand Kishore Kapur	Ditto	III
456	Nasir ul-din Ahmad	Ditto	I
457	Nayan Chand Ghosh	Ditto	III
459	Novin Chandra Pant	Ditto	II
460	Oudh Behari Lal Gupta	Ditto	III
462	Parbhu Dayal Kayesth	Ditto	II
463	Prophullo Kumar Gupta	Ditto	II
464	Purnanand Dangwal	Ditto	II
467	Raj Mangleshwari Prasad	Ditto	III
468	Raja Ram Srivastava	Ditto	II
469	Ram Bans Lal Srivastava	Ditto	II
470	Ram Chandra Chatterji	Ditto	II
473	Rameshwar Prasad Bhargava.	Ditto	II
476	Ranbir Singh Mathur	Ditto	II
477	Rash Behari Lal	Ditto	II
478	Sachindra Nath Mitra	Ditto	III
482	Sambhu Prasad Srivastava.	Ditto	II
485	Shimshu Dayal	Ditto	III
487	Shiva Murat Lal Srivastava	Ditto	II

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
488	Shiva Saran Misra	... Ewing Christian College, Allahabad.	I
489	Shri Narain alias Shambhu Nath Nigam.	Ditto ...	II
493	Soorya Narayan Shukla .	Ditto ...	I
498	Tribeni Prasad Rawat ...	Ditto ...	III
499	Tribeni Sahai Saksena ...	Ditto ...	II
500	Tula Ram Sah Kumayan	Ditto ...	III
501	Udai Bhan Singh Poondir	Ditto ...	II
502	Vashistha Bhargava ...	Ditto ...	I
503	Vishwa Nath Misra ..	Ditto ...	II
504	W. K. Wesley ...	Ditto ...	III
505	Zulfiqar Husain ...	Ditto ...	II
506	Anand Swarup Srivastava	Kayasth Pathshala College, Allahabad.	III
507	Algu Dubey ...	Ditto ...	III
509	Bakhshi Jager Nath Prasad.	Ditto ...	III
510	Bishun Lal Srivastava ...	Ditto ...	III
514	Batuk Nath ...	Ditto ...	III
515	Baleshwar Lal ...	Ditto ...	III
517	Baleshwar Upadhia ...	Ditto ...	III
521	Gangeshwar Prasad ..	Ditto ...	II
523	Indra Narayan Mukerji ...	Ditto ...	III
524	Jagdish Sahai Saxena ..	Ditto ...	II
526	Jagdish Prasad ..	Ditto ...	II
528	Kamta Prasad ...	Ditto ...	III
529	Kripa Narain ...	Ditto ..	III
533	Mangali Prasad ...	Ditto ...	III
534	Mohan Murari Lal Hajela	Ditto ...	III
536	Parmeshari Sahai Mathur	Ditto ...	III
539	Shyam Kishore ...	Ditto ...	III
542	Vishwa Prakash ...	Ditto ...	III

Poll no	Name of candidate	Name of college	Passed in division
543	Vijai Bahadur Singh	Kavish Prithi shala College Allahabad	III
544	Vishnu Prasad	Ditto	III
546	Ajodhya Prasad	Ditto	III
547	Bishan Narayan Mathur	Ditto	III
551	Dasrath Lal	Ditto	II
554	Harī Shanker Khare	Ditto	II
556	Janki Prasad Saxena	Ditto	III
557	Kailash Sahai Mathur	Ditto	III
564	Parshotam Das Verma	Ditto	III
565	Prabhu Dayal Srivastava	Ditto	III
569	Shiva Goyind Dayal	Ditto	III
571	Abbas Ali	Govt Inter Col lege, Allah- abad	III
572	Alfred Donald French Mac- gowan	Ditto	II
573	Bireshwar Mazumdar	Ditto	II
574	Bishambhar Nath	Ditto	II
575	Bishwa Nath	Ditto	II
577	Clement Webb Tressler	Ditto	III
579	Fakhr-ud-din	Ditto	III
580	Gauri Shankar	Ditto	III
582	Hanuman Prasad	Ditto	III
583	Ishaq Ahmad	Ditto	III
584	Jawahar Nath Tarku	Ditto	II
586	Kanwal Singh	Ditto	III
587	Kedar Nath	Ditto	III
588	Kewal Krishna Mehrotra	Ditto	II
589	Khalil ud din	Ditto	III
590	Kunwar Aditya Pratap Singh	Ditto	III
591	Kunwar Ram Sharan Singh	Ditto	II

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college</i>	<i>Passed in division.</i>
592	Mahesh Chandra Jain	Govt. Inter, College, Allahabad.	II
593	Muhammad Ahmad Siddiqi.	Ditto	III
595	Muhammad Jafar	Ditto	III
596	Nand Kishore	Ditto	II
598	Prakash Chandra	Ditto	II
599	Raghuvansh Lal Gupta	Ditto	I
600	Rajendra Mansingh	Ditto	III
601	Ram Chandra Pant	Ditto	III
602	Ram Das Arora	Ditto	III
603	Ram Murat Singh	Ditto	III
604	Ram Naresh Misra	Ditto	II
607	Sami Ullah Khan	Ditto	III
608	Shah Nazir Alam	Ditto	III
609	Shaikh Muhammad	Ditto	III
610	Santi Swarup	Ditto	II
611	Shriman Narain Tiwari	Ditto	II
612	Shri Prakash Pande	Ditto	I
614	Sri Nath Pathak	Ditto	III
615	Surya Varma	Ditto	II
616	Sushil Krishna Banerji	Ditto	II
617	Tribhuvan Nath	Ditto	III
618	Trilok Nath Rai	Ditto	II
619	Tyeb Ali	Ditto	II
622	Chandrawati Shukla	Crosthwaite Girls' Inter. College, Allahabad.	III
625	Shanti Duara	Ditto	III
730	Ganga Dat Sanwal	Govt. Inter, College, Almora.	II
632	Gopal Dat Puuetha	Ditto	III

Roll no	Name of candidate	Name of college	Passed in division
630	Krishna Chandra Joshi	Govt Inter College, Almora	III
638	Puran Chandra Joshi	Ditto	II
640	Ram Dat Pant	Ditto	III
641	Shiva Darshan Pant	Ditto	II
642	Trilochan Dat Joshi	Ditto	II
645	Cyril Rawat	Ditto	III
646	Debi Dat Pande	Ditto	III
650	Kishan Chandra Joshi	Ditto	II
651	Lakshman Singh Jangpangi	Ditto	III
652	Lalit Mohan Pant	Ditto	I
653	Mathura Dat Pande	Ditto	II
656	Padma Dat Tiwari	Ditto	II
658	Brij Nandan Prasad Misra	Bareilly College Bareilly	III
659	Bhagwat Saran	Ditto	III
660	Bankey Lal	Ditto	II
664	Iftikhar Ali Beg	Ditto	II
669	Khwaja Baba ud din Zakaria	Ditto	III
670	Lakshmi Shanker Jauhari	Ditto	II
672	Masud Ali Khan	Ditto	III
674	Mohammad Husain	Ditto	III
677	Priya Shanker	Ditto	III
678	Puttn Singh	Ditto	III
679	Ram Kumar	Ditto	III
680	Ram Behari Lal Jauhari	Ditto	III
681	Ram Prasad Agarwala	Ditto	III
683	Shyam Narain Misra	Ditto	II
684	Shanti Swarup Saksena	Ditto	III
686	Shyam Lal Varsh	Ditto	III
687	Shyam Mohan Saksena	Ditto	III
688	Shiva Hari	Ditto	III

<i>Roll no</i>	<i>Name of candidate.</i>	<i>Name of college</i>	<i>Passed in division.</i>
689	Sarnam Singh Yadava	... Bareilly College. Bareilly.	III
690	Sri Gopal Bhatnagar	... Ditto	III
691	Saadat Ali	... Ditto	II
693	William Meril Sadoc	... Ditto	III ^A
698	Kanhaiya Lal Varma	... Ditto	III
699	Krishna Nand Dua	... Ditto	II
700	Mukat Bahadur Verma	... Ditto	II
704	Raja Ram Vaish	... Ditto	III
706	Sant Ram Saksena	... Ditto	II
708	Umapati Varma	... Ditto	II
710	Abdur Rashid	Queen's Inter. College, Benares.	III
711	Amir Ahmad	... Ditto	III
713 ^b	Bimalananda Ghosh	... Ditto	II
718	Chandika Prasad	... Ditto	II
721	Jadunandan Prasad	... Ditto	III
726	Lakshman Prasad	... Ditto	III
727	Muhammad Jafar	... Ditto	III
729	Muhammad Muazzam Siddiqi.	... Ditto	III
732	Nikhil Chandra Sanyal	... Ditto	III
737	Sadashiva Lakshmidhar Katre.	... Ditto	II
738	Sontosh Kumar Mukho- padhya.	... Ditto	III
739	Shambhu Nath Tripathi	... Ditto	II
740	Sukhdeo Singh	... Ditto	III
744	Sudhir Chandra Roy	... Ditto	III
745	Sunil Kumar Mukerji	... Ditto	II
746	Abul Hasan	... Ditto	III
747	Anant Prasad	... Ditto	II
748	Arun Kumar Rao	... Ditto	II
755	Devi Prasad Shukla	... Ditto	II
756	Dhirendra Kumar Banerji	... Ditto	II

<i>Roll no</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in division</i>
757	Durga Prasad Verma	Queen's Inter College Benares	II
760	Jagdish Lal	Ditto	II
765	Purna Chandra Goswami	Ditto	II
766	Raj Kumar Singh	Ditto	III
768	Ram Nath Sahai	Ditto	III
769	Sachindra Bhusan Chat terjee	Ditto	III
774	Salig Ram	Ditto	III
775	Sanat Kumar Mukerji	Ditto	III
776	Subodh Chandra Banerji	Ditto	III
779	Dashrath Singh	Udai Pratap College and Hewitt Ashantriya School Benares	II
780	Nand Kishore Singh	Ditto	II
781	Ramagya Singh	Ditto	III
782	Ugra Sen Singh	Ditto	II
783	Akhtar Hasan Siddiqui	Christ Church College Cawnpore	III
785	Babu Ram Gupta	Ditto	III
786	Bhagwati Charan Verma	Ditto	II
787	Bhiswa Arora	Ditto	I
788	Bipin Bihari Misra	Ditto	II
789	Bishan Narain Nigam	Ditto	I
790	Bishwambhar Nath Bajpai	Ditto	III
791	Brij Kishore Khanna	Ditto	III
792	Debendra Nath Sinha	Ditto	III
795	Harish Chandra Nath Vatal	Ditto	III
796	Hirdey Narayan Dikshit	Ditto	II
799	Jagdish Prasad Dwivedi	Ditto	II
800	Jageshwar Dayal Saxena	Ditto	II*
801	Jageshwar Prasad	Ditto	III

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
802	Kashinath Raghunath Damle	Christ Church College, Cawn- pore.	I
806	Kunwar Krishna ...	Ditto ...	II
807	Mahabir Prasad Nigam ...	Ditto ...	III
808	Norendra Nath Ghatak ...	Ditto ...	II
809	Paresh Chandra Ghose ..	Ditto ..	III
813	Sankata Prasad Srivastava	Ditto ...	II
814	Satgur Dayal Sinha ...	Ditto ...	III
815	Shailendra Chandra Mitra	Ditto ...	II
816	Shantilal Brijmohan Lal Modi.	Ditto ...	III
817	Shiva Balak Singh Chandel	Ditto ...	III
819	Fehmuli Nanabhoy Javarie	Ditto ...	III
820	Tulsi Ram Gupta ...	Ditto .	II
821	Uma Shankar Srivastava	Ditto ...	III
824	Bhagwati Prasad Tripathi	D. A.-V. College, Cawnpore.	II
825	Bhawani Shankar ...	Ditto ...	III
826	Brij Bhushan Hajela ...	Ditto ...	III
827	Daya Ram Gupta ...	Ditto ...	II
828	Devi Dayal Tandon ...	Ditto ...	II
829	Gaindan Lal Gupta	Ditto ...	III
831	Gulab Chand Jaini ..	Ditto .	III
833	Jamna Shankar Varma ...	Ditto ...	III
834	Kailash Bux Singh Gour	Ditto ...	III
835	Kaushaliya Nandan Meh- rotra	Ditto .	III
838	Lila Dhar Ashthana ...	Ditto ...	III
842	Ram Chandra Nigam ...	Ditto ...	III
843	Ram Gopal Agarwal ...	Ditto ...	III
844	Ram Krishna Tandon ...	Ditto ...	III
845	Ram Narain Varma ' ...	Ditto ...	III
846	Ram Swarup Singhal ...	Ditto ...	III
848	Shiva Sagar Prasad ...	Ditto .	II

Sl no.	Name of candidate	Name of college	Passed in divs on
850	Sita Ram Pande	D A V College Cawnpore	II
851	Swish Chandra Shukla	Ditto	II
852	Sundar Lal	Ditto	III
853	Vishveshwar Dayal	Ditto	II
856	Jang Bahadur Singh	D A V College Debra Dun	III
859	Kunwar Bahadur Sinha Kusha	Ditto	III
860	Lakshmi Chandra Razada	Ditto	III
861	Mahesh Chandra	Ditto	III
864	Ram Gopal Lohiya	Ditto	III
865	Bishambhar Dayal Gupta	Ditto	III
866	Dalip Singh Negi	Ditto	III
868	Madan Mohan Sakhni	Ditto	II
870	Nawal Kishor Gupta	Ditto	III
872	Shaikh Abdul Kalam	Ditto	II
875	Gauri Shankar Mishra	Govt Inter Col lege Etawah	III
876	Gokul Das Agarwal	Ditto	III
878	Muhammad Wahi Azmi	Ditto	III
879	Narayan Das Maheshwari	Ditto	III
880	Qazi Saeed Ahmad	Ditto	III
881	Ram Dutt Dube	Ditto	III
884	Shripit Sahai	Ditto	III
885	Gauri Datt Dalela	Ditto	II
886	Girwar Dhari Agarwal	Ditto	II
888	Kalyan Chandra Agarwal	Ditto	III
889	Rama Shankar Mathur	Ditto	II
890	Shankar Datt Vasist	Ditto	III
891	Sharda Prasad Agarwal	Ditto	III
892	Shyam Sundar Lal Sharma	Ditto	II
893	Abdul Hamid Qilwan	Govt. Inter Col lege Fyzabad	II

Roll no.	Name of candidate.	Name of college.	Passed in division.
895	Bhanu Prasad Srivastava	Govt. Inter. College Fyzabad.	II
901	Jagannath Prasad Dube ...	Ditto ...	III
902	Jagannath Prasad Srivastava.	Ditto ...	III
903	Kedar Nath ...	Ditto ...	III
904	Khalilur Rahman Khan	Ditto ..	III
905	Kirpa Shankar Srivastava	Ditto ...	III
906	Mahabir Prasad Agarwala	Ditto ...	II
908	Mirza Shahinshah Husain	Ditto ..	II
909	Muhammad Abdul Rahman Hanafi.	Ditto ...	III
910	Mukhtar Ahmad Siddiqi	Ditto ...	III
911	Patan Din Trivedi ...	Ditto ...	III
912	Purushottam Das Misra	Ditto ...	III
913	Qaisar Mirza	Ditto ...	III
915	Saiyid Amanat-Ullah Jafri	Ditto ...	III
916	Saiyid Mubammad Razi	Ditto ...	III
919	Satgur Prasad ..	Ditto ..	III
920	Sarju Prasad Trivedi ..	Ditto ...	III
922	Tulsi Ram ..	Ditto ...	III
923	Binda Prasad Srivastava	Ditto ...	II
924	Bishun Narain Misra ...	Ditto ..	II
927	Jiwa Shankar Saksena ...	Ditto ...	III
929	Kunj Behari Mohan Lal ..	Ditto ...	II
930	Lakshman Singh Bhatia ...	Ditto ...	III
931	Maohar Nath Sinha	Ditto ...	II
933	Provash Kumar Bhattacharya.	Ditto ...	II
935	Ram Behari Lal Mathur...	Ditto ..	I
937	Abdul Ghaffar	...St. Andrew's College, Gorakhpur.	III
938	Anand Kishore Shahi	Ditto ...	III
939	Badri Prasad Srivastava ..	Ditto	III

Roll no	Name of candidate	Name of college	Passed in division
940	Badri Lal Srivastava	St Andrew's College, Gorakhpur	III
941	Balbhadra Nath Pandey	Ditto	III
942	Bandhu Bahadur Singh ..	Ditto	III
943	Bansh Bahadur	Ditto	III
944	Basist Narayan Sinha	Ditto	III
946	Bijendra Deo Bahadur Singh	Ditto	III
948	Chandra Bhal Ojha	Ditto	III
949	Faizul Jalil	Ditto	III
954	Gajadhar Prasad	Ditto	III
955	Gaya Prasad Sharma	Ditto	III
958	Harinath Shai	Ditto	III
960	Jagdish Prasad	Ditto	III
962	Jamuna Dhar Divedi	Ditto	III
967	Krishna Prasad	Ditto	III
972	Mohima Prasad Shahi	Ditto	III
973	Mathura Nath Dey	Ditto	II
974	Muhammal Abrar Ali Abbasi	Ditto	II
977	Raghu Bansh Mani Tripathi	Ditto	III
978	Raj Kishor Datta Tiwari	Ditto	III
979	Raj Narain Lal Ashthana	Ditto	III
980	Ram Jee Lal	Ditto	III
982	Ram Chandra Singh	Ditto	III
986	Saiyid Shamshad Husain	Ditto	III
987	Saiyid Wahidul Hasan	Ditto	III
988	Shiva Datta Singh ..	Ditto	III
990	Sita Ram Tripathi	Ditto	III
991	Udal Narain Chaturvedi	Ditto	II
992	Anwarul Hasan	Govt. Inter. College, Jhansi.	III
993	Balkrishna Dbulekar	Damodar ..	III

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
994	Bhagwati Prasad Darbari	Govt. Inter. College, Jhansi.	II
996	Deo Ratan Misra ..	Ditto ...	III
997	Dhanna Lal Jain ...	Ditto ...	II
999	Hasan Abdullah ...	Ditto ...	III
1000	Karpoor Chand Jain ...	Ditto ...	III
1001	Lakshmi Narayan Rajpali	Ditto ...	III
1004	Muhammad Hashmat Ullah Ahrari.	Ditto ...	III
1005	Ram Swarup Agarwal ...	Ditto ...	III
1006	Shankar Sahai Varma ...	Ditto ...	III
1007	Syed Ahmad Tirmizi ...	Ditto ...	III
1009	Mahabir Prasad Srivastava.	Ditto ...	II
1011	Praphulla Kumar Sur ...	Ditto ...	II
1012	Rahas Behari Lal Srivastava.	Ditto ..	III
1017	Suraj Mal Jain ...	Ditto ..	II
1018	Buddhi Prakash ...	Govt. Jubilee Inter. College, Lucknow.	III
1019	Baha-ud-din Ali ...	Ditto ...	III
1020	Dwarka Prasad ...	Ditto ...	II
1022	Gauri Shankar ...	Ditto ...	III
1024	Ganga Dhar Misra ...	Ditto ...	II
1026	Hari Krishna Narayan ...	Ditto ...	III
1027	Mahesh Chandra ...	Ditto ...	II
1028	Muhammad Abdul Jabbar	Ditto ...	III
1030	Onkar Prasad Verma ..	Ditto ...	III
1131	Sardar Ali Rizwi ...	Ditto ...	III
1032	Saiyid Athar Ali ...	Ditto ..	III
1034	Sita Ram ...	Ditto ...	III
1035	Sri Ram Avasthi ...	Ditto ...	III
1036	Saiyid Zia-ud-din Kirmani	Ditto ...	III

Roll no	Name of candidate.	Name of college	Passed in division
1058	Vidya Dhar Dikshit	Govt. Jubilee Inter College Lucknow	III
1039	Baikunth Nath	Ditto	II
1040	Harnandan Prasad Sinha	Ditto	II
1041	Maharaj Narain Mathur	Ditto	II
1042	Manmohan Nath Zutshi	Ditto	III
1043	Ram Chandra Saksena	Ditto	II
1044	Sitla Baksh	Ditto	III
1045	Sushil Kumar Datt	Ditto	II
1046	Uma Shankar Srivastava	Ditto	III
1047	Vansh Gopal Jhingram	Ditto	II
1048	Aftab Ahmad	Shri Intermediate College Lucknow	III
1049	Mahmud Husain	Ditto	III
1050	Muhammad Raza Husain	Ditto	III
1051	Muhamma I Zuber	Ditto	III
1055	Ali Abbad	Ditto	III
1058	Hasan Mian	Ditto	III
1060	Iqtedar Husain	Ditto	III
1066	Mustafa Husain	Ditto	III
1071	Zawar Husain	Ditto	III
1072	Zulfiqar Husain	Ditto	III
1076	Perey William Khan	La Martinière College Lucknow	II
1079	Abi Nash Chandra Mathur	Christian Intermediate College Lucknow	III
1080	Amar Nath Misra	Ditto	III
1081	Anwar ul Haq Siddiqi	Ditto	II
1082	Aziz-ullah Khan	Ditto	III
1084	Bishambar Dutt Ojha	Ditto	III
1085	Bhaya Lal	Ditto	III

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
1086	Birkett Cornelius	.. Christian Intermediate College, Lucknow.	III
1088	Devi Shankar ...	Ditto ...	III
1090	Ganesh Persad Sheoratan Mandrele.	Ditto ...	III
1091	Girja Shankar Srivastava	Ditto ...	II
1094	Iqbal Krishna ...	Ditto ..	III
1097	Kr. Rameshwar Bakhsh Singh.	Ditto ...	III
1098	Lakshmi Nath Misra ..	Ditto ...	II
1102	Muhammad Wası ...	Ditto ...	III
1105	Muhammad Abdul Baqi Kidwai.	Ditto ...	III
1106	Muhammad Iqbal Ali ...	Ditto ...	III
1108	Muhammad Altaf Husain	Ditto ...	III
1109	Manohar Lal Trivedi ...	Ditto ...	III
1111	Muhammad Sami Siddiqi	Ditto ...	III
1112	Nazir Ahmad ..	Ditto ...	III
1113	Niranjan Nath ..	Ditto ...	III
1115	Pushkar Nath Bhutt ...	Ditto ...	III
1116	Raj Nath	Ditto ...	II
1118	Swami Saran Nigam ...	Ditto ...	III
1119	Syed Ashfaq Hasan Rizvi Belgrami.	Ditto ...	III
1122	Shiva Balak Misra ...	Ditto ...	II
1123	Sajjad Zaheer ...	Ditto ...	II
1124	Tahir Mirza	Ditto ...	III
1125	Theodore Parmeshevar Datt Chitambar.	Ditto ...	III
1126	Uma Shankar Amist ...	Ditto ...	III
1127	Uttam Chandra Sharma	Ditto ...	III
1128	Uma Shankar Chitravan- shi.	Ditto ...	II
1130	Walter Newton ...	Ditto ...	III

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
1189	Saraj Kumar Biswas	...Christian Inter-mediate College, Lucknow.	III
1190	Shiva Sadhan Bose	... Ditto ...	III
1193	Sahebzada Masuduzzafar Khan.	Ditto ...	II
1195	Theophilus Benjamin Shah	Ditto ...	II
1199	Tribhuwan Prasad Gaurgas.	Ditto ...	III
1200	Doris Euphemia Garlah	... Isabella Thoburn College, Lucknow.	II
1201	Elsie Myrtle Singh	... Ditto ...	III
1202	Ethel Blanche Jacob	... Ditto ...	II
1203	Gladys Clive	... Ditto ...	II
1204	Hameed Muhammad Husain.	Ditto ...	III
1205	Hasoor-un-nisa	... Ditto ...	II
1207	Mabel Theodora Speake	... Ditto ...	III
1208	Malati Deolalikar	... Ditto ...	III
1209	Mohini Kripal Singh	... Ditto ...	III
1210	Mumtaz Jahan Abdullah	... Ditto ...	III
1211	Myrtle Sarah Pant	... Ditto ...	II
1214	Sajidah Nizam-ud-din Hasan.	Ditto ...	III
1215	Kamala Raghunath Narulkar.	Ditto ...	III
1216	Kathleen Calancy	... Ditto ...	II
1217	Lizzie Bux	... Ditto ...	III
1218	Ajit Pershad Jain	... Meerut College, Meerut.	III
1219	Amba Prasad Maheshwari	Ditto ...	III
1221	Banarsi Das Gupta	... Ditto ...	III
1225	Indra Sain Jain	... Ditto ...	III

<i>Roll no</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division</i>
1226	Iqrar Ullah	Meerut College, Meerut.	III
1229	Kundan Lal Sharma .	Ditto	... III
1231	Manzur Yunus .	Ditto	. III
1237	Murif ul-Abadiue Farsad	Ditto	... III
1238	Mutsaddi Lal Kamboh	Ditto	... III
1239	Nand Kishore Rastogi	Ditto	. III
1240	Nawab Muhammad	Ditto	III
1245	Ram Das Sharma .	Ditto	. III
1246	Saiyid Ahmad Zaidi	Ditto	.. III
1248	Shital Prasad	Ditto	.. III
1249	Sudarshananaud Pujari	Ditto	III
1252	Abdul Shakoor Khan	Ditto	. III
1253	Amarendra Nath Chatterji	Ditto	. II
1254	Bibhuti Bhushan Mukerji	Ditto	. II
1255	Brynnandan Lal	Ditto	... III
1257	Dharam Chand Bajal	Ditto	... I
1258	Gopi Chandra Vaish ..	Ditto	... III
1263	Ishwar Saran	Ditto	.. II
1264	Jagat Singh Pawar	Ditto	III
1266	Jaini Prasada Jain	Ditto	. I
1267	Janeshwar Das .	Ditto	... II
1271	Padam Singh Jaini	Ditto	. II
1272	Pyare Lal Sharma	Ditto	.. III
1273	Raghubir Saran Jain	Ditto	. II
1274	Ram Kunwar .	Ditto	II
1275	Ram Prasad ..	Ditto	.. III
1276	Ram Rekshpal	Ditto	III
1279	Shital Prasad	Ditto	II
1281	Sumat Prasad	Ditto	II
1282	Terence Eric Allan ..	Ditto	II
1283	Tirloki Nath Srivastava	Ditto	. III
1285	Yadava Mohan Lal	Ditto	.. II
1286	Abdul Rasheed Khan	Govt Int College Moradabad.	II

<i>Roll no.</i>	<i>Name of candidate</i>	<i>Name of college.</i>	<i>Passed in division</i>
1287	Brij Kumar...	Govt. Int. College, Moradabad	III
1289	Fazlur Rahman Khan ...	Ditto	III
1290	Gokul Prasad Khannah ...	Ditto	III
1292	Jugal Kishore Bhatnagar	Ditto	III
1295	Muhammad Ghayur ...	Ditto	II
1297	Muhammad Nabi Fauq Siddiqi.	Ditto	III
1299	Nathu Lal ...	Ditto	III
1303	Sampat Kumar ..	Ditto	III
1306	Bhagwant Sahai Mathur	Ditto	III
1307	Bhawani Dat Jyotirvid ...	Ditto	III
1311	Lakshmi Narain Vaish ..	Ditto	III
1314	Ram Krishna .	Ditto	III
1315	Shiam Kishor Sharma ...	Ditto	III
1316	Shri Krishna Parekh ...	Ditto	III
1317	Azhar Karim Ansari ...	Government Col- lege, Ajmer,	III
1320	Durga Datta Upadhya ...	Ditto	III
1321	Durga Prasad Joshi ...	Ditto	III
1322	Durga Prasad Sharma ...	Ditto	III
1323	Durga Shankar Mathur ...	Ditto	III
1324	Fazal Ahmad Khan ...	Ditto	III
1325	Gokul Lal Gupta ...	Ditto	III
1326	Gopal Ram Chandra Afle	Ditto	III
1327	Iqbal Narain Ganjoor ..	Ditto	III
1328	Jeet Mal Mehta ...	Ditto	III
1329	Kanhaiya Lal Sharma ..	Ditto	III
1330	Krishna Lal Sankhla ..	Ditto	III
1331	Kushel Singh Chaudhri ..	Ditto	III
1332	Muhammad Abdul Qayum	Ditto	III
1335	Raj Narayan Mathur ...	Ditto	III
1333	Syed Sariful Hasan ...	Ditto	II
1340	Bhagirath Mal ...	Ditto	III
1342	Dan Mal Mathur ...	Ditto	III

<i>Roll no.</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in division</i>
1344	Ganesh Chandra Mukherji	Govt College, Ajmer.	II
1346	Har Saran Rawat ...	Ditto	II
1347	Heera Lal Karanparia	Ditto	II
1349	Krishen Mohan Kaul	Ditto	II
1357	Muhammad Kazim Faruqi	Ditto	III
1359	Ravi Shankar Derashi	Ditto ...	II
1362	Yashodanandan Samant	Ditto ..	III
1364	Bheroon Lal Tapodi	Maharaja's Col lege, Udaipur Mewar	III
1366	Daulat Sinha Kothari	Ditto ...	I
1369	Ramchandra Sanadhyia	Ditto	III
1370	Roshan Lal Khabya	Ditto	III
1371	Umrao Singh Bhatnagar	Ditto ..	III
1372	Anand Behari Lal Mishra	Victoria College, Gwalior	III
1373	Basudeo Prasad Shukla	Ditto	III
1375	Hari Har Sahai	Ditto	III
1377	Madho Singh Saksena	Ditto	II
1380	Ramchandra Damodar Sarvate	Ditto	II
1382	Ram Kishore Sharma	Ditto	III
1383	Ramchankar Shukla	Ditto	III
1384	Sain Dass Kasbyab	Ditto	II
1385	Syed Mazhar Ali	Ditto	III
1390	Gangadhar Ramchandra Khedkar	Ditto	III
1391	Hari Singh Yadava ..	Ditto	III
1397	Malik Nasiruddin Mah mood Khan	Ditto	II
1398	Pritam Singh Hundal	Ditto	III
1400	Raghunath Sahai	Ditto	III
1404	Sheo Narain	Ditto	III*

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
1408	Vishnu Dattatray Dandekar.	Victoria College, Gwalior.	II
1414	Bapulal Khadak Singh, Kahunungo.	Indore Christian College, Indore.	II
1415	Bhargao Shridhar Joglekar.	Ditto	... III
1417	Dattatraya Shridhar Datar	Ditto	... III
1418	Devi Prasad Tiwari	... Ditto	... III
1420	Ganesh Ramchandra Wadnerkar.	Ditto	... III
1421	Gangaram Narain Jain	... Ditto	... III
1423	Gauri Shankar Mukhepadhayay.	Ditto	.. II
1424	Govind Ganesh Despande	Ditto	... III
1425	Hari Mukundrao Thombre	Ditto	... III
1426	Hazarilal Jain	.. Ditto	... III
1427	Kantaram Nathopant Pabelkar.	Ditto	... II
1428	Kashibai. Gopal Tambay (Miss).	Ditto	... III
1429	Kishorilal Lutoria	.. Ditto	... III
1431	Krishnaji Laxman Bapat	Ditto	... II
1432	Krishnarao Annarao Jadhav.	Ditto	... III
1433	Laxman Balkrishna Patil	Ditto	... III
1434	Lokman Chandrabhan Goware.	Ditto	... III
1435	Moreswar Ganesh Ringangaonkar.	Ditto	... III
1436	Moreswar Gopalrao Kanggo.	Ditto	... III
1438	Motilal	... Ditto	... II
1440	Nerbuda Prasad Bhardwaj	Ditto	... II
1441	Nilkanth Vinayak Aras...	Ditto	... III
1443	Pannalal Bargule	... Ditto	... III

<i>Poll no</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in division.</i>
1444	Pundlik Namdeo Mudholkar	Indore Christian College Indore	III
1446	Raghunath Kashad Page	Ditto	II
1448	Ramchandra Narainbhai Gupta	Ditto	III
1449	Ramdas Jaurao Kulkarni	Ditto	III
1450	Ram Dutta Chaubey	Ditto	III
1452	Sadashiva Hari Rahalkar	Ditto	III
1454	Shamrao Vithoba Khadse	Ditto	III
1457	Shantaram Gopal Mujumdar	Ditto	III
1459	Shriram Gopal Deshpande	Ditto	III
1460	Faur Madho Singh Lakshman Singh	Ditto	III
1461	Trimbak Nagor o Dhar madhikari	Ditto	III
1462	Trimbak Waman Sant	Ditto	III
1464	Vasudeo Parashuram Puntomhalal	Ditto	III
1465	Vinayak Keshav Dongre	Ditto	III
1468	Wasant Gurubhim Utgikar	Ditto	III
1469	Yeshwant Gopalrao Gadkari	Ditto	II
1471	Arjun Singh Bhagvan Sisodia	Holkar College Indore	III
1472	Baliram Krishnarao Kawar	Ditto	III
1473	Dattatraya Chimanrao Dani	Ditto	III
1474	Dinkar Waman Joshi	Ditto	III
1477	Govind Vinkatesh Surange	Ditto	III
1478	Jauardan Mahadeo Pendse	Ditto	III

<i>Roll no.</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in or not.</i>
1483	Muhammad Itikhar Ali Khan	Holkar College, Indore.	II
1486	Prabhakar Sadashive Chitney.	Ditto ...	III
1487	Ram Narayan Nanbelal Srivastava.	Ditto ...	III
1489	Sheo Narayan Srivastava	Ditto ...	III
1491	Sorajbhan Sanghi ...	Ditto ...	III
1492	Sayed Abid Ali	Ditto ..	III
1495	Anokhe Lal Parashar ..	Ditto ...	III
1496	Damodar Gopal Dhavale	Ditto ...	III
1498	Deo Krishna Lekhraggi Upadhyaya.	Ditto ...	III
1500	Digamber Krishna Rao Bahalkar.	Ditto ...	III
1501	Ganga Ram Verma ...	Ditto ...	II
1502	George E. Cornelius ...	Ditto ...	II
1505	Laxman Devidas Ansingkar.	Ditto ...	III
1506	Narayan Madhavrao Kuntumbale.	Ditto ...	II
1507	Narhar Gopalrao Joshi ...	Ditto ...	III
1508	Ramchandra Balvant Kottasthane.	Ditto ...	II
1509	Shatrughna Mahadeo Pradhan.	Ditto ...	II
1511	Shri Krishna Ganesh Tambe.	Ditto ...	II
1514	Vasudeo Vinayak Sarwate	Ditto ...	III
1515	Vishnu Raghunatha Nevaskar.	Ditto ...	II
1516	Vishwanath Ramchandra Dhodapkar.	Ditto ..	III
1517	Wasudeo Gopulrao Subhedar.	Ditto ...	III

P. No.	Name of candidate	Name of college	Passed in division
1518	Bala Bakli sh	Maharaja's Inter College Jaipur	III
1519	Bhom Nath Gupta	Ditto	III
1520	Bankoy Lal Govilla	Ditto	II
1524	Govind Narain Sharma Visharada	Ditto	III
1525	Gopal Chandra Saksena	Ditto	III
1526	Kailash Nath Mahendra	Ditto	III
1533	Madhusudan Lal Sharma	Ditto	III
1536	Mohan Lal Mathur	Ditto	III
1538	Madhava Charan Saksena	Ditto	III
1539	Mohammad Zulfikar Ali	Ditto	III
1541	Ram Swarup Govilla	Ditto	III
1544	Raja Ram Pastogi	Ditto	III
1546	Shobha Ram Gupta	Ditto	III
1548	Shiva Charan Sharma	Ditto	III
1550	Bhoori Lal Srivastava	Ditto	II
1553	Balak Ram Gangwar	Ditto	II
1554	Birendra Prasad Gang	Ditto	III
1557	Jugal Kishore Mathur	Ditto	I
1559	Lakshmi Prasad Mathur	Ditto	III
1565	Zabar Singh		
PRIVATE CANDIDATES			
1568	Alimullah Ansari	Gorakhpur	III
1570	Amba Datt Joshi	Alm ra	III
1579	Balmukund A. Khishi	Jodhpur	III
1580	Bashir Ahmad	Saharanpur	III
1581	Bhagywati	Benares	III
1582	Bhaskar Govind Narulkar	Indore	III
1587	Braj Kishore Saxena	Jhansi	III
1593	Damodar Prasad Sharma	Moradabad	III
1595	Daulat Singh Shiv Singh Jahagiridar	Indore	III
1601	Ganpati Balaji Wazalwar	Bhandara	III
1603	Gerald Edgar Farrel	Lu know	III

<i>Roll no.</i>	<i>Name of candidate</i>	<i>Name of college.</i>	<i>Passed in division.</i>
1605	Gopi Lal Yadav	... Bharatpur	... III
1606	Gopi Nath Mathur	... Jodhpur	... III
1608	Govind Balkrishna Kare.	Kar- Jalgaon	.. III
1624	Jhamman Singh	... Sojat	... III
1627	Kailash Chandra Kapur	... Bareilly	... III
1629	Kali Pada Bnattacharya	Benares	... III
1631	Kamta Shiroman Singh	... Gwalior	... III
1634	Kehar Singh ..	... Moradabad	... III
1638	Krishna Swarup Sarin	.. Fyzabad	.. III
1641	Lalta Prasad	.. Allahabad	... III
1642	Laxman Ganesh Shidhore	Dewas	.. III
1643	Madho Singh B Thokey	... Naini Tal	... III
1645	Mahadeo Mukund Kopar- gaonkar.	Dhar	... III
1646	Mahadeo Prasad Srivas- tava.	Ballia	... III
1647	Mahendrapal Singh	... Mainpuri	... III
1654	Mukat Behari Lal	... Bareilly	... III
1661	Panthohi Das	... Gorakhpur	... III
1664	Purushottumrao Atmaram - Scindia.	Indore	... III
1671	Rajeshwar Prasad Johri	.. Rajgarh	... II
1677	Raj Narain Singh	.. Farrukhabad	... II
1679	Ram Chandra Anant Nhawakar.	Gwalior	... III
1680	Ramchandra Joshi	... Jodhpur	... III
1681	Ram'Jatan Misra	... Gorakhpur	... III
1683	Ramkrishna Bhairao Subnis.	Indore	... III
1685	Ram Narayan Yadav	... Bulandshahr	... II
1686	Ram Sinha ...	... Agra	... III
1691	Roop Narain Raizada	... Do.	... III
1693	Rup Narain Sharma	... Gwalior	... III

<i>Roll no</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in division</i>
1694	Sayid Mohammad Ali Naqvi Kazimi	Liqā Fyzabad	II
1698	Sheo Deo Shukla	Cawnpore	III
1705	Shankar Dat Trivedi	Allahabad	III
1706	Shankar Dyal Kulshresht	Saharanpur	III
1708	Shankar Raghunath Bhatt	Indore	III
1711	Shiva Charan Lal Gupta	Bewar	III
1715	Shyam Behari Lal	Chandauli	III
1716	Shyam Kumar Nehru	Allahabad	II
1722	Syed Shaukat Husain Zaidi	Jaipur	II
1724	Triloki Nath Varma	Gorakhpur	III
1730	Vinayak Ganesh Belapurkar	Lashkar	III
1731	Vishnu Wasudeo Joshi	Mhow	III

**UNDER REG 18 CHAPTER XII OF THE BOARDS
REGULATIONS ROLL NOS 1733-1736**

1733	Makhan Lal	Meerut College	P
1734	Murlu Manohar Mathur	Agra College	P
1735	Omkar Nath Mutto	Ditto	P
1736	Megh Singh Varma	Agra	P

**UNDER REG 9 CHAPTER XIV OF THE BOARDS
REGULATIONS ROLL NO 1737.**

1737	Kunwar Govind Singh	Ewing Christian College Allahabad	Passed in Biology.
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**List of candidates who have passed the Commercial
Diploma Examination of 1924.**

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division</i>
1	Ayodhya Prasad Vaish	...St. John's College, Agra.	III
3	Bal Mukand Goval	... Ditto ...	III
7	Chbitar Mal Gupta	... Ditto ...	III
8	Chbut'an Lal Vaish	.. Ditto ...	II
10	Durga Prasad Jain	... Ditto ...	II
13	Fateh Singh Pandir	... Ditto ...	II
15	Girdhar Das	... Ditto ...	III
19	Har Narain Sharma	.. Ditto ...	II
20	Har Prasad Bhatnagar	... Ditto ..	II
21	Indu Bhushan Biswas	.. Ditto ...	III
22	Jagat Singh Sharma	... Ditto ...	III
23	Jagdish Prasad Bhargava	Ditto .	II
27	Krishna Dayal Mathur	... Ditto ...	II
28	Krishna Swarup Saksena	Ditto ...	II
29	Lalla Mal Vaish	... Ditto ...	II
34	Munshi Lal Gupta	.. Ditto ...	I
36	Narendra Nath Kathju	... Ditto ...	III
37	Nihal Sinha Asthana	... Ditto ...	II
38	Panna Lal	... Ditto ...	III
40	Pratap Singh Srivastava	Ditto .	II
43	Raghubar Dayal Sharma	Ditto .	II
44	Raghubir Narain Bhat- nagar.	Ditto	I
45	Ram Nath Sharma	... Ditto .	III
46	Ram Chandra Gupta	... Ditto ...	II
47	Ram Kripal	... Ditto ...	II
48	Ram Saran Bery	... Ditto ...	II
49	Robini Nandan Sahay	... Ditto ...	II
50	Shanker Dayal Verma	... Ditto ...	II
51	Shanti Swarup Swami	... Ditto ...	II
52	Shri Ram Gupta	.. Ditto ...	I

Roll no	Name of candidate	Name of college	Passed in division
53	Sri Bhagwan	St John's College	II
55	Triloki Nath Bhargava	Ditto	II
56	Abul Qasim	S D College of Commerce Cawn pore	III
57	Amba Lal Sharma	Ditto	II
58	Avalh Bihari Lal	Ditto	II
59	Baman Chaube	Ditto	I
61	Beni Prasad	Ditto	II
63	Bhagwan Swarup Bhat- nagar	Ditto	II
64	Brij Mohan Saran Sharma	Ditto	II
65	Chandrama Prasad	Ditto	II
66	Chatur Bhuj Vajpai	Ditto	II
67	Damodar Das Bhargava	Ditto	II
68	Darshan Lal Jaini	Ditto	II
69	Durga Prasad Mehrotra	Ditto	II
70	Ganesh Prasad Bajpai	Ditto	II
71	Gur Narain Khanna	Ditto	II
72	Har Narain Agarwal	Ditto	II
73	Jagan Lal Gupta	Ditto	II
74	Jagdish Prasad Kudsia	Ditto	II
75	Jiwan Nath Dair	Ditto	II
76	Kishori Lal Govil	Ditto	II
77	Kundan Singh Mall	Ditto	III
78	Laxmi Prasad Srivastava	Ditto	III
79	Madan Mohan Gupta	Ditto	II
80	Madan Mohan Lal Varma	Ditto	II
81	Maharaj Kishore Gupta	Ditto	III
82	Mahabir Sibal Bhatnagar	Ditto	II
83	Makhan Lal	Ditto	I
84	Mani Shankar Misra	Ditto	II
85	Muhammad Sinaullah	Ditto	I
86	Nathan Lal		

<i>Roll no.</i>	<i>Name of candidate.</i>	<i>Name of college.</i>	<i>Passed in division.</i>
87	Nowrojee Nanabhoy Javeri	S. D. College of Commerce, Cawnpore.	III
89	Pratap Narain Chaturvedi	Ditto	II
90	Rabi Shekhar Saksena ...	Ditto	III
91	Radha Krishna Tiwari ...	Ditto	III
92	Ram Das Garga ...	Ditto	III
93	Ram Kishore Singh ...	Ditto	II
94	Rām Lagan Pande ...	Ditto	II
95	Ram Prasad Agarwal ...	Ditto	II
96	Ram Prasad Metal ...	Ditto	II
97	Ram Nath Misra ...	Ditto	II
98	Shankar Prasad Upadhyaya	Ditto	III
99	Shankar Sahai Saksena ...	Ditto	II
100	Shiva Badan Lal ...	Ditto	II
101	Shiva Shankar Agarwala	Ditto	II
102	Shiva Shankar Shivapuri	Ditto	II
103	Shri Ram Gupta ...	Ditto	II
104	Shyam Behari Lal Srivastava.	Ditto	II
105	Shyam Swarup Kulshreshtha.	Ditto	III
106	Suraj Narain ...	Ditto	II
107	Suraj Narain Johri ...	Ditto	III
108	Tribeni Prasad ...	Ditto	II
109	Triloki Nath Mehrotra ...	Ditto	III
110	Vasudeo Vinayak Parakh	Ditto	III
111	Vigyan Swarup ...	Ditto	II
112	Wahid Uddin ...	Ditto	II
113	Aditya Prasad Khattri ...	D. A.-V. College, Cawnpore.	III
115	Balbhadra Prasad Pande...	Ditto	III
116	Beni Shankar Tripathi ...	Ditto	II
118	Bhagavat Saran Audholia	Ditto	II
119	Bharat Singh Gurhar ...	Ditto	III

Roll no.	Name of candidate	Name of college	Passed in division
122	Budh Sen Agarwalla	D A V College Cawnpore.	II
123	Chandra Bhal Misra	Ditto	III
124	Chandradhari Saran Sinha	Ditto	II
125	Din Dayal Singh Bhat nagar	Ditto	III
129	Govind Prasad Srivastava	Ditto	II
131	Harish Chandra Sharma	Ditto	II
132	Jagmohan Prasad Misra	Ditto	III
133	Lalta Saran Khare	Ditto	II
134	Mata Prasad Shukla	Ditto	II
136	Munshi Lal Tuenguria	Ditto	III
139	Sada Shiva Shukla	Ditto	III
140	Sarju Narain Aginhotry	Ditto	II
142	Shyam Bihari Tonkon	Ditto	II
143	Shyam Sunder	Ditto	III
147	Abdur Rafay	Lucknow Christian College Lucknow	II
150	Amir Singh	Ditto	III
152	Avadh Bihari Lal	Ditto	II
153	Ajodhya Prasad Misra	Ditto	III
156	Bishwa Nath Srivastava	Ditto	III
157	Bisheshwar Nath Asthana	Ditto	III
158	Chandra Dhar Avasthy	Ditto	III
159	Chandra Lekhar Shukla	Ditto	III
164	Henry William Singh	Ditto	II
166	Hiralakesh Misra	Ditto	II
168	Jagdishwar Dayal	Ditto	III
169	Jagdish Saran Srivastava	Ditto	III
170	Janki Raman Bhargava	Ditto	II
171	Lalji Prasad Sinha	Ditto	II

<i>Roll no.</i>	<i>Name of candidate</i>	<i>Name of college</i>	<i>Passed in division.</i>
172	Muhammad Abdul Salam	Lucknow Christian College, Lucknow.	III
173	Mubammad Shah Beg ...	Ditto ...	II
175	Muhammad Mustafa Ali Khan.	Ditto ...	II
176	Muhammad Ahmad ...	Ditto ...	II
177	Muhammad Abdul Kabir Khan.	Ditto ..	II
178	Raja Ram Gupta ...	Ditto ...	II
181	Safdar Husain	Ditto ...	III
182	Sant Ram ...	Ditto ...	II
183	Satya Dev Chandapuri ...	Ditto ...	II
184	Seth Narotham Tewarson	Ditto .	III
186	Shiva Ratan Lal Sharma	Ditto ...	III
187	Shrikant Misra ...	Ditto ...	III
188	Sushil Kumar Chatterjee	Ditto ...	II
190	Whitefield Caleb ...	Ditto ...	III

PRIVATE CANDIDATES

192	Chatur Behari Lal Basishtha.	Bulandshahr ...	II
194	Kishan Lal Agarwal ...	Aligarh ...	II
197	Nemi Chand Gupta ...	Agra ...	II
198	Yaqub Shipstone ...	Lucknow ...	

UNDER REGULATION 18, CHAPTER XII OF THE BOARD'S REGULATIONS

199	Bishan Swarup Gupta ...	S. D. College of Commerce, Cawnpore.	Passed
201	Shadi Lal	... Agra district	... Passed.

APPENDIX F

FORMS

(1) Form of application for the recognition of Institutions for the Board's
Examinations

Application for the recognition of _____

_____ for the High

School
Intermediate College

School ^{or} Intermediate Examination
_{and}

11. (a) The general desirability of the institution with reference to the suitability and sufficiency of existing institutions in the locality

Statement by the authorities of the institution	Remarks of Inspector or Inspectors
(b) The special aims of the institution.	
Statement by the authorities of the institution	Remarks of Inspector or Inspectors

(c) The probable effect on existing institutions

Statement by the authorities of the institution

Remarks of Inspector or Inspectors

*Columns 1 (a), (b), and (c) should be filled up by the institutions only

2 Is the Committee of Management registered as a society under Act XXI of 1860 ?

Names of the members of the Executive Committee
(if any).

Names of the members of the Committee of Management.

	<p>3 Name of Manager or Secretary or Correspondent, as the case may be</p>	<p>Remarks of Inspector or Inspectors</p>
	<p>Statement by the Manager or Secretary</p>	

4. Number of scholars in each class or section of a class.

Class (with section).	Number of scholars in each section.	Statement by the Manager or Secretary.	Remarks of Inspector or Inspectors

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

5. Accommodation provided in class-rooms and in hostels.

This statement should be accompanied by a sketch *drawn to scale (a)* of the school compound, showing the location of all buildings on it; (*b*) of the school building, showing the class-rooms and other rooms, and the purposes for which the several rooms are used; and (*c*) of the hostel or hostels.

Statement by the Manager or Head of the institution.

Remarks of Inspector or Inspectors.

6 Subjects in which recognition is sought, and the Vernacular or Vernaculars proposed to be taught

Statement by the Manager or Head of the Institution

Remarks of Inspector or Inspectors

7. Qualifications and rates of pay of the teaching staff.

No.	Names of teachers with designation *	Qualifications (Degree, Diploma, Certificate, etc.)	Scale of pay.	Statement by the Manager	Remarks of Inspector or Inspectors.

1. *Notes* -- (1) The clerical staff should be shown separately
 (2) In the case of a school proposing to open International classes the additional staff employed for the teaching of these classes should be separately shown
 (3) If the scale of pay is proposed to the rate of per cent the members should be shown

8. - Special arrangements, if any, made for the teaching of any subject or subjects.

Remarks of Inspector or Inspectors.

Statement by the Manager or Head of the institution.

9. Provision and appliances for the teaching of—

- (a) Science,
 (b) Drawing,
 (c) Commerce,
 (d) Manual Training,
 (e) Agriculture,
 (f) Domestic Science,
 (g) _____,
 (h) _____,
 (i) _____,
 (j) _____.

Remarks of Inspector or Inspectors

Statement by the Manager or Head of the Institution

1c. Provision made for the medical examination, health, recreation, physical training and discipline of scholars.

Statement by the Manager or Head of the institution

Remarks of Inspector or Inspectors.

11 Scale of fees charged, and the provision, if any, for the admission of poor scholars

Remarks of Inspector or Inspectors

Statement by the Master

13. Certificate to be signed by the Manager or Head Master or Principal of the institution applying for recognition.

I hereby certify that the statements made in this application are correct, and I undertake that in case the institution is recognized for the High School Examination, I shall abide by the Regulations of the Board of High School and Intermediate Education, United Provinces.

Manager, Head Master, or Principal.

Dated _____

School

College

14 Recommendations of Inspector or Inspectors

[In making recommendation Inspectors should state whether and in what subjects or on what conditions recognition should in their opinion be granted]

Dated ————— (Signed)

Inspector of Schools—Division
Inspectors

(2) Forms of applications for admission to the Board's Examinations.

Roll No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION, U. P.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED
ON THE LINES OF THE MATRICULATION
EXAMINATION) OF MARCH, 1924.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 7th January, 1924.

APPLICATION.

To
THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing High School Examination (to be conducted on the lines of the Matriculation Examination) of the Board of High School and Intermediate Education, United Provinces.

* The fee of Rupees 15 has been paid.

I am, etc.,

(Name to be written in full and clearly.)

Student _____ School.

CERTIFICATE.

I CERTIFY that I know nothing against the character of the above-

This certificate is to be signed by the head named candidate which ought of the institution from which the candidate to exclude ^{him}/_{her} from the High appears.

School Examination, that ^{he}/_{she} has attended a regular course of instruction at a recognised school in each and all of the subjects offered, for not less than two years preceding the date of the examination, that he has signed the above application in my presence and that he has paid the prescribed examination fee of Rs. 15.

Name _____

Designation _____

Station _____

The _____ 1924.

*The Admission Card will be sent to the officer who signs this application form, and not direct to the candidate.

**PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATES**

Name (In full) . _____

Date of birth (date, month and year
to be entered here and not month
and year only) _____

Age (in years and months on the 1st
May, 1924) . .. _____ years _____ months

Name of father . _____

Name of guardian .. _____

Religion _____

Race (i.e. nation, tribe, etc., etc.) .. _____

Caste, if any . .. _____

District and town or village where
resident . .. _____

Length of residence in the Province
or State . .. _____

Optional subjects in which to be ex-
amined { 1. _____
2. _____

Language from which Translation
is to be made into English in the
English third paper
or
English Composition in the case
of candidates whose mother tongue
is English . }

*Where to be examined . _____

(Signature of Candidate in full)

*The following are the centres for the Examination —

Agra, Allahabad, Gorakhpur, Lucknow, Meerut, Jhansi, Bareilly, Bulandshahr,
Bina, Aligarh, Ajmer, Jaipur, Gwalior, Nowgong and Indore

N.B.—Students from one and the same institution are required to present them-
selves for examination at one and the same centre of examination

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON THE
LINES OF THE MATRICULATION EXAMINATION), 1924

ADMISSION CARD.

*All the entries except those for Roll number and centre should be filled
up in the office of the Head Master or Principal*

Admit _____

(Roll no. _____) of _____ School
College

_____ to _____ Centre,

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces.

ALLAHABAD :

The 1st March, 1924.

Issued on _____ 1924.

Head Master
Principal

School
College

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the High School Examination of 1924 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out the allotted seats for themselves.

4.—Candidates are not to have about them while sitting to answer their papers any books, notes or papers whatever.

5.—The answers must be written on one side of the page on which the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the examination.

8.—Candidates must produce their Admission Cards when demanded.

9.—A duplicate copy of the Admission Card is saved on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which and the dates on which the question papers will be given to them.

11.—Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette* in which the result will be published he should apply for it to the Superintendent Government Press, United Provinces.

A. C. MUKERJI M.A. B.A. F.A.S.S.

Secretary, Board of High School and Intermediate

Education, United Provinces.

ALLAHABAD

The 1st March 1924

Roll No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON
THE LINES OF THE SCHOOL-LEAVING CERTIFICATE
EXAMINATION), 1924

PARTICULARS TO BE FILLED IN BY THE CANDIDATE

- 1 Name in full
2 Caste, if Hindu; otherwise
 region
3. District and town or village
 where resident
4 Length of residence in the
 United Provinces.. .
5. Name of father

Signature of candidate (in full)

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON
THE LINES OF THE SCHOOL-LEAVING CERTIFICATE
EXAMINATION), 1924.

ADMISSION FORM.

*All the entries except those for Roll number and centre should be filled
up in the office of the Head Master or Principal.*

Admit _____

(Roll no. _____) of _____ School
College

_____ to _____ Centre,

A. C. MUKERJI, M.A., RAI BAHADUR.
Secretary, Board of High School and Intermediate
Education, United Provinces.

ALLAHABAD:

(The 10th March, 1924.

Issued on _____ 1924.

Signature _____

*Head Master,
Principal*

School
College

RULES FOR THE GUIDANCE OF CANDIDATES

1 —The dates and the hours of the High School Examination (to be conducted on the lines of the School Leaving Certificate Examination) of 1924 will be notified separately

2 —The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted

3 —A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4 —Candidates are not to have about them while sitting to answer their papers any books, notes or papers whatever

5 —The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers he may do so by drawing d. stine lines across it

6 —All candidates are required to provide their own pens. To answer the Second Paper of Domestic Science on sewing and cutting out, candidates are required to provide their own needles thread and pair of scissors. Blotting paper will be supplied in the answer books

7 —Candidates must obey any instructions they receive from the Officer in charge of the Examination

8 —Candidates must produce their admission forms when demanded.

9 —A duplicate copy of the admission form is issued on payment of Rs. 2

10 —No guarantee will be given to the candidates as to the order in which, and the date on which, the question papers will be given to them

11 —Candidates must await the publication of the result in part IV of the United Provinces Government Gazette. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the Government Gazette, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad

A. O. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces.

ALLAHABAD
The 10th March, 1924

Roll no. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION.

UNITED PROVINCES.

INTERMEDIATE EXAMINATION. MARCH 1924.

**PARTICULARS TO BE FILLED IN CORRECTLY AND
LEGIBLY BY THE CANDIDATE**

Name (in full)

University enrolment no (if any)

Age (in year and months on the 1st
May, 1924) years months

Name of father

Name of guardian

Religion

Race (i.e., nation, tribe, etc., etc.)

Caste, if any

District and (town or village where
resident

Length of residence in the Province
or State

Language from which translation is to
be made into English in the third
English paper or English composi-
tion in the case of candidates
whose mother-tongue is English

Date of passing the Matriculation (or
Entrance or School Final or U P
School Leaving Certificate) Ex-
amination

Whether ^{he}_{she} appeared at the Inter-
mediate Examination of any pre-
vious year

* Where to be examined

(Signature of candidate in full)

* Candidates from one and the same institution are required to present themselves for examination at one and the same centre.

Subjects to be written by candidates in their own hand filling against each subject in which they desire to be examined besides English, Cross or tick marks should be avoided.

Arts Course		Science Course
Name of Classical Language or Mathematics		Mathematics
		Physics.
		Chemistry
		Biology
I. Paper	European History	
Modern History	II. Paper } English	
	or	
	Indian	
Ancient History		
Logic or Additional Classical Language		

Period or periods of study since passing the Matriculation (or Entrance or School Final or U. P. School-Leaving-Certificate) Examination

Period or periods of continuous study.	Affiliated institution or institutions at which the candidate has studied	Signature of Principal.

† In the case of broken periods of study at different institutions, it is expected that Principals will certify themselves that the different periods of study amount in the aggregate to two years before admission to the Examination.

N.B.—The following places are the centres of examination—Agra, Ajmer, Allahabad, Almora, Bareilly, Benares, Bangalore, Dehra Dun, Etawah, Fyzabad, Gorakhpur, Gwalior, Indore, Jaipur, Jhansi, Lucknow, Meerut and Moradabad.

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES

INTERMEDIATE EXAMINATION, 1924

ADMISSION CARD

*All the entries except those for roll number and centre should be filled
up in the office of the Principal.*

Admit _____

(Roll no _____) of _____ College

_____ to _____ Centre

A C MUKERJI, M A, B.A. BARADAR,
*Secretary, Board of High School and Intermediate
Education, United Provinces*

ALLAHABAD
The 1st March, 1924

Issued on _____ 1924

Signature _____

_____ Principal.

_____ College

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the Intermediate Examination of 1924, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
*Secretary, Board of High School and Intermediate
Education, United Provinces*

ALLAHABAD :
The 1st March, 1924.

Roll No _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,

UNITED PROVINCES

COMMERCIAL DIPLOMA EXAMINATION, MARCH, 1924

This application must reach the Office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad on or before the 7th January, 1924.

APPLICATION.

TO

THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD

SIR,

I REQUEST permission to present myself at the ensuing Commercial Diploma Examination of the Board of High School and Intermediate Education, United Provinces.

The fee of Rupees 25 has been paid

I am, etc.,

(Name to be written in full and clearly.)

Student, _____ College

CERTIFICATE

I CERTIFY that the above-named candidate has satisfied me that

he has passed the Matriculation
(or Entrance, or School Leaving
Certificate) Examination of the

University of Allahabad (or of the University of _____); that I know nothing against his character which ought to exclude him from this Examination, that he has attended a regular course of study at College in each and all of the subjects offered, that he has paid the prescribed examination fee of Rs 25 and that I believe the subjoined account to be true,

Name _____

Principal, _____

_____ College.

The _____ December, 1923

**PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE**

Name (in full)
 Alahabad University enrolment no.
 (if any)
 Age (in years and months) on the first
 day of May, 1924) Years ———— month s.
 Name and occupation of father. { Name
 { Occupation
 Name of guardian
 Religion
 Race (i.e., nation, tribe, etc., etc)
 Caste, if any
 District and town or village where
 resident
 Length of residence in the Province
 or State
 Date of passing the Matriculation (or
 Entrance or School-Leaving Certi-
 ficate) Examination
 Whether he appeared at the Commer-
 cial Certificate or Diploma Exami-
 nation of any previous year—Yes or
 No
 Optional subject taken (Shorthand or
 Banking and Currency)
 † Where to be examined

(Signature of Candidate in full)

† Centres of Examination.—St. John's College, Agra; Christian College, Lucknow, Sanatan Dharam College of Commerce, Cawnpore, and Christ Church College, Calcutta

Period or periods of study since passing the Matriculation (or Entrance or School-Leaving) Examination

Period or periods of continuous study †	Affiliated Institution or Institution at which and date has studied.	Signature of Principal of affiliated Institution.

† In the case of broken periods of study at different Institutions, it is expected that Principals will satisfy themselves that the different periods of study amount in the aggregate to two years before admission to the Examination.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION

UNITED PROVINCES

COMMERCIAL DIPLOMA EXAMINATION 1924

ADMISSION CARD

*All the entries except those for Roll number and centre should be
filled up in the office of the Principal*

Admit _____

(Roll no. _____) of _____ College

_____ to _____ Centre

A C MUKERJI M.A. RAJ BAHADUR

Secretary Board of High School and Intermediate Education

United Provinces

ALLAHABAD

The 1st March 1924

Issued on _____ 1924

Signature _____

Principal

_____ College

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the Commercial Diploma Examination of 1924, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission cards is issued on payment of Rs. 2

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette*, in which the results will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
*Secretary, Board of High School and Intermediate
Education, United Provinces.*

ALLAHABAD :
The 1st March, 1924.

Roll No _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES

For Private Candidates only

**P HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON P
THE LINES OF THE MATRICULATION EXAMINATION),
MARCH 1924.**

This application must reach the office of the Secretary, Board of High School and Intermediate Education United Provinces Allahabad, on or before the 1st January 1924.

APPLICATION

To

THE SECRETARY BOARD OF HIGH SCHOOL AND
INTERMEDIATE EDUCATION
UNITED PROVINCES ALLAHABAD

SIR,

I REQUEST permission to present myself at the ensuing High School Examination of the Board of High School and Intermediate Education United Provinces

The fee of Rupees 20 _____ * has been credited into the Government Treasury
is sent by money-order

I am, etc

Address _____

First a Candidate

[Name to be written in full and clearly]

CERTIFICATE

I CERTIFY that I know nothing against the character of the above-named candidate which ought to

1 This certificate is to be signed by a Divisional Inspector of Schools or the head of an educational institution recognized by the Board for the examination at which the candidate intends to appear (a) or the head of the institution at which the candidate is studying

exclude him
her from the High School

Examination that he
she has signed

the above application and that I

believe the foregoing account to be true

Name _____

The _____ 1924 Designation _____

Signature _____

* Necessary portion to be retained and the rest forwarded

† The forwarding officers inside the United Provinces should realize the amount of fees from the candidates and credit it into the Local Government Treasury under the head XXI—Education F General—Miscellaneous Fees, Provincial Examination. A copy of the Treasury chalan should be forwarded to the Secretary Board of High School and Intermediate Education United Provinces Allahabad along with the application forms

‡ The forwarding officers in Indian States or outside the United Provinces should realize the amount of fees from the candidates and send it by money-order to the Secretary Board of High School and Intermediate Education United Provinces, Allahabad but in either case the postal charges should be paid by the candidate.

§ The Admission Card will be sent to the officer who signs this application form and not direct to the candidate.

¶ This certificate should be signed by the same officer who forwarded the candidate's previous application

(a) In the case of a failed candidate only

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE.

Name (in full) _____

Date of birth (date, month and year
to be entered here, and not month
and year only) _____

Age (in years and months on the 1st
May, 1924).. .. _____ years _____ months.

Name of father _____

Name of guardian _____

Religion _____

Race (i.e., nation, tribe, etc., etc.) _____

Caste, if any _____

District and town or village where
resident _____

Length of residence in the Prov-
ince or State _____

Optional subjects in which to be
examined { 1. _____
2. _____

Language from which translation is
to be made into English in the
third English paper _____

or

English composition in the case
of candidates whose mother-tongue
is English _____

* Whether permitted by the Board to
appear as a private candidate _____

† Where to be examined _____

(Signature of Candidate in full.)

* Number and date of the letter in which such permission has been granted to the Candidate should also be quoted here.

† The following places are the centres of Examination:—Agra, Allahabad, Gorakhpur, Lucknow, Meerut, Jhansi, Bareilly, Baladshahr, Srinagar (Garhwal), Ajmer, Jaipur, Gwalior, Nowgong, Indore.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION

UNITED PROVINCES

HIGH SCHOOL EXAMINATION (TO BE CONDUCTED ON THE LINES OF THE MATRICULATION EXAMINATION), 1924

ADMISSION CARD

*All the entries except those for Roll number and centre should be filled
up in the office of the Forwarding Office*

Admit _____

(Roll no _____) of _____

to _____ Centre

A C MUKERJI M A RAJ BAHADUR
Secretary Board of High School and Intermediate
Education United Provinces.

ALLAHABAD

The 1st March 1924

Issued on _____ 19 24

Signature and designation
of Forwarding Officer

RULES FOR THE GUIDANCE OF CANDIDATES

1 —The dates and the hours of the High School Examination (to be conducted on the lines of the Matriculation Examination) of 1924 will be notified separately.

2 —The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3 —A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4 —Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5 —The answer must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6 —All candidates are required to provide their own pens. To answer the Second Paper of Domestic Science on sewing and cutting out, candidates are required to provide their own needles, thread and pair of scissors. Blotting paper will be supplied in the answer-books.

7 —Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8 —Candidates must produce their admission cards when demanded.

9 —A duplicate copy of the admission card is issued on payment of Rs 2.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which the question papers will be given to them.

11 —Candidates must await the publication of the result in part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M A, RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces

ALLAHABAD

The 1st March, 1924

Roll No _____

**BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION
UNITED PROVINCES**

For Private Candidates only.

P INTERMEDIATE EXAMINATION, MARCH 1924 **P**

This application must reach the office of the Secretary, Board of High School and Intermediate Education United Provinces Allahabad, on or before the 1st January, 1924

APPLICATION

To

THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION
UNITED PROVINCES ALLAHABAD

Sir,

I REQUEST permission to present myself at the ensuing Intermediate Examination of the Board of High School and Intermediate Education United Provinces in Arts or Science

† The fee of Rupees 80 * has been credited into the Government Treasury
(cheque attached)
is sent by money-order

I am etc

Address _____

Private Candidate

(Name to be written in full and clearly)

CERTIFICATE

I CERTIFY that I know nothing against the character of the above-

‡ This certificate is to be signed by a Divisional Inspector of Schools or the head of an educational institution recognised by the Board for the examination at which the candidate intends to appear (a) or the head of the institution at which the candidate is studying

named candidate which ought to exclude him from the Intermediate Examination that he has signed the above applica-

tion, that I believe the subjoined account to be true

Name _____
Designation _____
Station _____

The _____ 1923

* Necessary portion to be retained and the rest to be sent

† The admission card will be sent to the officer who signs this application form and not direct to the candidate

‡ This certificate should be signed by the same officer who forwarded the candidate's previous application

(a) In the case of a failed candidate only

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE.

Name (in full)	..	..	_____
Age (in years and months on the 1st May, 1924)	..	..	_____ years _____ months.
Name of father	..	..	_____
Name of guardian	..	..	_____
Religion	..	..	_____
Race (i.e., nation, tribe, etc., etc.)	..	..	_____
Caste, if any	..	..	_____
District and town or village where resident	..	..	_____
Length of residence in the Province or State	..	..	_____
Language from which translation is to be made into English in the third English paper or English Composi- tion in the case of candidate whose mother-tongue is English	..	..	_____
Date of passing the Matriculation (or Entrance or School Final or United Provinces School-Leaving Certi- ficate) Examination	..	..	_____
* Whether permitted by the Board to appear as a private candidate	..	..	_____
† Where to be examined	..	..	_____

(Signature of Candidate in full.)

* Number and date of the letter in which such permission has been granted to the Candidate should also be quoted here.

† The following places are the centres of Examination :—Agra, Ajmer, Allahabad, Almorah, Bareilly, Benares, Cawnpore, Dehra Dun, Etawah, Fyzabad, Gorakhpur, Gwalior, Indore, Jaipur, Jhansi, Lucknow, Meerut and Moradabad.

Subjects to be written by candidates in their own handwriting against each subject in which they desire to be examined besides English. Cross or tick mark should be avoided.

Arts Course		Science Course
Name of Classical Language or Mathematics		Mathematics
		Physics
Modern History	I paper European History	Chemistry
	II paper { English or Indian	
Ancient History		Biology
Logic or additional Classical Language		

Period or periods of study since passing the Matriculation (or Entrance or School Final or United Provinces School Leaving Certificate) Examination

Period or periods of continuous study	Affiliated institutions or institutions at which candidate has studied	Signature of Principal or of Forwarding Officer

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

INTERMEDIATE EXAMINATION. 1924.

ADMISSION CARD.

*All the entries except those for Roll number and centre should be filled
up in the office of the Forwarding Officer.*

Admit _____

(Roll no. _____) of _____

_____ to _____ Centre.

A. C. MUKERJI, M.A., BAI BAHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces

ALLAHABAD:

The 1st March, 1924

Issued on _____ 1924

Signature and Designation of Forwarding Officer.

RULES FOR THE GUIDANCE OF CANDIDATES

1 —The dates and the hours of the Intermediate Examination of 1924, will be notified separately

2 —The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily after which no candidate will be admitted

3 —A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves

4 —Candidates are not to have about them while sitting to answer the papers, any books, notes or papers whatever

5 —The answer must be written on one side of the page only the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6 —All candidates are required to provide their own pens.

7 —Candidates must obey any instructions they receive from the Officer in charge of the Examination

8 —Candidates must produce their admission cards when demanded

9 —A duplicate copy of the admission card is issued on payment of two rupees

10 —No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them

11 —Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette* in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate
Education, United Provinces

Roll No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

P COMMERCIAL DIPLOMA EXAMINATION, MARCH, 1924.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, on or before the 1st January, 1924.

APPLICATION.

To
THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing Commercial Diploma Examination of the Board of High School and Intermediate Education, United Provinces

"The fee of Rupees 30" ^{has been credited into the Government Treasury (chalan attached)}
is sent by money-order.

I am, etc.,

Private Candidate.

Address _____

(Name to be written in full and clearly.)

CERTIFICATE.

I CERTIFY that the abovenamed candidate has satisfied me that he

has passed the Matriculation (or Entrance, or School-Leaving) Examination of the University of Allahabad (or of the University of _____), that I know nothing against his character

Examination; and that I believe

which ought to exclude him from this the sub-joined account to be true

Name _____

Designation _____

Station _____

The _____ 1924.

* Necessary portion to be retained and the rest scored out

† The admission card will be sent to the officer who signs this application form, and not direct to the candidate

‡ This certificate should be signed by the same officer who forwarded the candidates' previous application.

(a) In the case of a failed candidate only.

**PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY
BY THE CANDIDATE**

Name (in full) .. .

Age in years and months on the first day of May 1924) Years Months

Name and occupation of father Name Occupation

Name of guardian

Religion

Race (i.e. nation, tribe, etc., etc.)

Caste, if any

District and town or village where resident

Length of residence in the Province or State

Date of passing the Matriculation (or Entrance or School Leaving Certificate) Examination

Whether he appeared at the Commercial Certificate or Diploma Examination of any previous year—Yes or No

Optional Subject taken (Short hand or Banking and Currency)

† Where to be examined

• Whether permitted by the Board to appear as a private candidate

(Signature of Candidate in full)

† Centres of Examination—St John's College, Agra Christian College Lucknow, Sonatan Dharam College of Commerce Cawnpore and Christ Church College Cawnpore

Period or periods of study since passing the Matriculation (or Entrance or School Leaving Certificate) Examination

Period or periods of continuous study	Affiliated institution or institutions at which candidate has studied	Signature of the Forwarding Officer

* Number and date of the letter in which such permission has been granted to the candidate should also be quoted here

BOARD OF HIGH SCHOOL AND INTERMEDIATE
EDUCATION,
UNITED PROVINCES.

COMMERCIAL DIPLOMA EXAMINATION, 1924.

ADMISSION CARD.

*All the entries except those for Roll number and centre should be filled
up in the office of the Forwarding Officer.*

Admit _____
(Roll no. _____) of _____
_____ to _____ Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces

ALLAHABAD .

The 1924.

I sued on _____ 1924.

Signature and designation of Forwarding Officer.

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the Commercial Diploma Examination of 1924, will be notified separately

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves

4.—Candidates are not to have about them while sitting to answer their papers any books, notes or papers whatever

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers he may do so by drawing distinct lines across it

6.—All candidates are required to provide their own pens

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded

9.—A duplicate copy of the admission card is issued on payment of two rupees

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which the question papers will be given to them

11.—Candidates must await the publication of the result in *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette* in which the result will be published he should apply for it to the Superintendent, Government Press Allahabad

A. C. MURPHY M.A., B.A. BHADUR,
Secretary Board of High School and Intermediate Education,
United Provinces

ALLAHABAD

The